

FOSTERING SUSTAINABLE FUTURE GROWTH AMIDST UNCERTAINTY

ANNUAL REPORT 2022



Black
Sea
Trade &
Development
Bank



Contents

	Introduction
4	Who We Are
5	Corporate Governance
7	Board of Governors
8 - 9	Board of Directors & Audit Committee
9 - 10	Management
11	To the Board of Governors
12	Statement by the President
14	BSTDB Highlights of 2022
16	Economic Overview of the Black Sea Region
23	In focus: The Effect of the COVID-19 Pandemic on Public Finances in BSTDB Countries
	BSTDB in the Black Sea Region:
27	Portfolio Description
30	Selected BSTDB Financings in 2022
35	Addressing Climate Change and Sustainability
38	Annual Evaluation Overview
44	Institutional Activities
47	Financial Statements for the Year Ended 31 December 2022 & Notes
	ANNEX A
129	Organizational Chart
	ANNEX B
130	Contact BSTDB

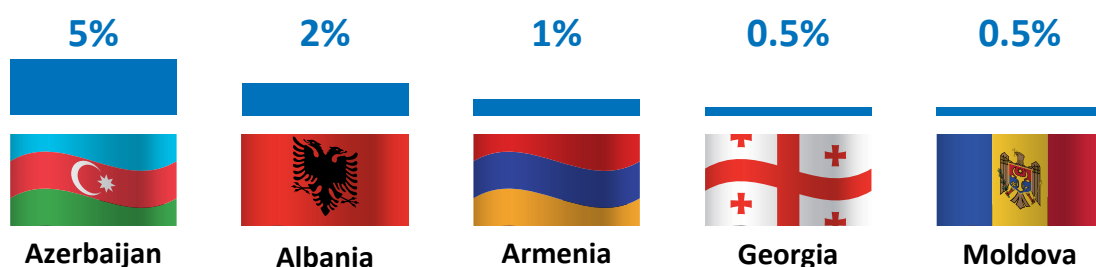
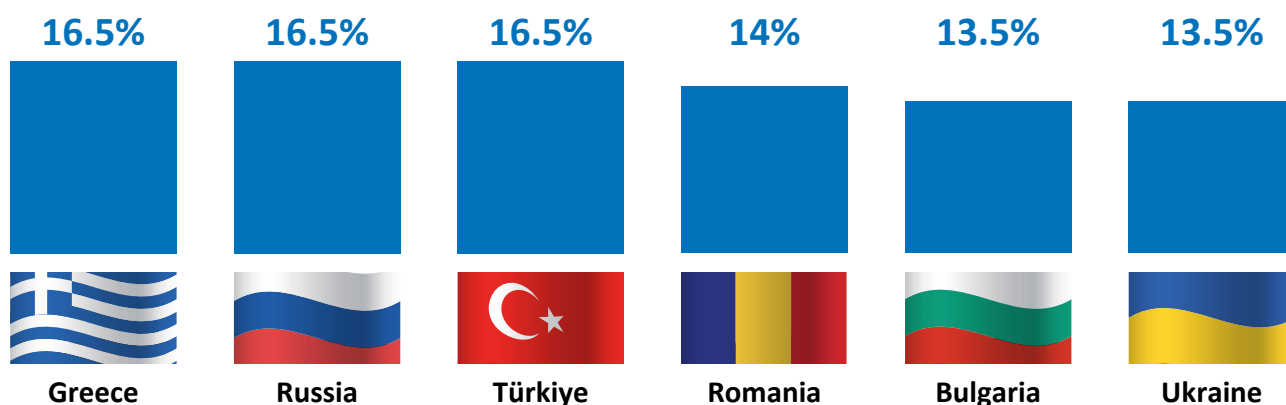
Introduction

Who We Are

The Black Sea Trade and Development Bank (BSTDB), an international financial institution with headquarters in Thessaloniki, Greece, was established by Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Russia, Türkiye, and Ukraine. BSTDB started operations in June 1999 and has an authorized capital of EUR 3.45 billion and a subscribed capital of EUR 2.3 billion.

BSTDB supports economic development and regional cooperation in the Black Sea Region through loans, guarantees, and equity participation in private enterprises and public entities in member countries.

As an international financial institution, the Bank has preferred creditor status. This means that the Bank will usually (i) not reschedule debt payments with respect to its loans to, or guaranteed by, its member countries and (ii) not reschedule its loans to private sector borrower due to a general foreign exchange unavailability in the borrower's country.



CORPORATE GOVERNANCE

Management Structure

BSTDB is committed to maintaining effective corporate governance through a framework of responsibilities and controls. Transparency and accountability supported by clearly defined reporting systems enable maintenance of an appropriately controlled business environment.

BSTDB's governing constitution is set out in the Agreement Establishing the Bank. This document requires that the institution be managed by a Board of Governors, a Board of Directors, a President, Vice Presidents, a Secretary General, and such officers and staff, as may be necessary.

Each of the Member States of the Bank is represented on the Board of Governors. All powers of the Bank are vested in the Board of Governors. With certain exceptions, the Board of Governors has delegated the exercise of these powers to the Board of Directors, while still retaining overall authority.

The Board of Directors, chaired by the President of the Bank, is responsible for guiding the general operations of the Bank. Each of the Bank's Member States appoints a Director and an Alternate Director, with full powers to act for the Director when the Director is not present.

The Audit Committee is established by and reports directly to the Board of Directors. The composition of the Audit Committee is four Board of Director members, one being appointed as Chairman.

The President, as chief executive of the Bank, is its legal representative. In this capacity, and as Chairman of the Management Committee, he conducts the current business of the Bank under the direction of the Board of Directors. The President is appointed by the Board of Governors.

The Management Committee comprises of the President (as Chairman), the Vice Presidents, and the Secretary General. In the absence of the President, one of the Vice Presidents chairs the meetings of the Management Committee. The Vice Presidents and Secretary General are appointed by the Board of Directors on the recommendation of the President.

Compliance

The Compliance function of the Compliance and Operational Risk Management Office (DCR) of the Bank assists management in effectively managing the compliance risks faced by the Bank. To this end, it identifies, assesses, advises on, monitors and reports accordingly on the Bank's compliance risk.

With regard to internal integrity issues, DCR monitors, administers and advises on Code of Conduct-related issues for Bank Officials and staff.

With regard to the financing operations, anti-fraud, corruption, money laundering, terrorism financing and sanctions due diligence is – among other types of due diligence – integrated into the Bank's normal approval of new business and into the monitoring of existing activity. The Bank screens all transactions to ensure that they do not represent such risks. The Head of the Compliance function advises the business groups, as needed, inter alia, on the Customer Due Diligence process and integrity issues.

Reporting and Disclosure

BSTDB's corporate governance structure is supported by appropriate financial and management information reporting. Through its reports and disclosures, the Bank, in line with its policy of maintaining industry best practice, follows the reporting conventions of other international financial institutions. The Accounting Policies adopted by the Bank are in compliance with International Financial Reporting Standards.

With respect to external financial reporting, the Bank presents financial statements in its quarterly Summary Statements to the Board of Directors, and both the interim financial statements and the Annual Report are published on the Bank's website. Pursuant to Article 35 of the Establishing Agreement, published reports are accessible [transmitted to] the Governments of the Member States, members of the Board of Governors and Directors, and the BSEC Permanent International Secretary.

In its financial reporting, the Bank aims to provide appropriate information on risk and performance. Industry best practice guides the evolving disclosure practice both in public financial reports and management information reporting.

Internal Audit

Internal Audit is an independent, objective, assurance, and consulting activity designed to add value and improve the organization's operations, that examines and evaluates the activities of the Bank as a service to Management and the Board of Directors (primarily through its Audit Committee). The Audit Committee has the responsibility, inter alia, of satisfying itself that the internal audit process is adequate and efficient through reviewing the policy, scope, work programme, and reporting relating to the Bank's internal audit.

According to the Bank's Internal Audit Charter, the internal Audit Department's main objective is to help Management and the Board of Directors discharge their responsibilities and accomplish the objectives of the Bank by bringing a

systematic, disciplined approach to evaluate and improve effectiveness of risk management, control, and governance processes. The Internal Audit's mission is to foster an environment of continuous improvement in controls and risk awareness.

Enterprise Risk Management

Recognizing the need for effective internal controls and acknowledging that Enterprise Risk Management (ERM), including internal controls over financial reporting, is a fundamental approach for the management of an organization, the Bank has established a functioning, consolidated, and on-going Enterprise Risk Management system. This system includes certification in the Annual Report as to the effectiveness of internal controls over external financial reporting, using the Committee of Sponsoring Organizations of the Treadway Commission (COSO), Internal Control Framework (2013).

Upon the overall assessment of the effectiveness of internal controls over financial reporting, coordinated by the Internal Audit Department and a Working Group with representatives of all the Divisions of the Bank, an annual certification statement is issued, signed by the President and the Vice President Finance and subject to review and an attestation of the Bank's external auditors.

The external auditors review and offer their opinion on Management's assertion as to the effectiveness of internal controls over financial reporting.

External Auditors

The External Auditors are appointed by the Board of Governors upon the recommendation of the Board of Directors. They are qualified external auditors of international reputation and appointed for a term of one year, renewable further on such terms and conditions as approved by the Board of Directors.

The External Auditors' services are limited only to the audit of the financial statements of the Bank and the provision of audit related and permissible non-audit services. The performance and independence of the External Auditors are assessed by the Audit Committee.

In addition, the External Auditors review and offer their opinion on Management's assertion as to the effectiveness of internal controls over financial reporting. This opinion is given as a separate report to the audit opinion. At the conclusion of their annual audit, the External Auditors prepare a management letter for the Board of Directors, which is reviewed in detail and discussed with the Audit Committee, setting out the External Auditor's views and Management's response on the effectiveness and efficiency of internal controls and other matters.

Board of Governors

As of 31 December 2022

Republic of Albania

Governor:	Ms. Adela XHEMALI, Deputy Minister of Finance & Economy
Alternate Governor:	position vacant

Republic of Armenia

Governor:	Mr. Arthur JAVADYAN, Ambassador-at large, Chairman of the Board of the Centre for Economic Perspectives Foundation
Alternate Governor:	Mr. Davit NAHAPETYAN, Board Member, Central Bank of Armenia

Republic of Azerbaijan

Governor:	Mr. Samir SHARIFOV, Minister of Finance
Alternate Governor:	Mr. Mikayil JABBAROV, Minister of Economy

Republic of Bulgaria

Governor:	Ms. Lyudmila PETKOVA, Deputy Minister of Finance
Alternate Governor:	Ms. Gergana BEREMSKA, Director, International Financial Institutions and Cooperation Directorate, Ministry of Finance

Georgia

Governor:	Mr. Koba GVENETADZE, Governor, National Bank of Georgia
Alternate Governor:	Mr. Lasha KHUTSISHVILI, Minister of Finance

Hellenic Republic

Governor:	Mr. Adonis-Spyridon GEORGIADIS, Minister of Development & Investments
Alternate Governor:	position vacant

Republic of Moldova

Governor:	Mr. Dumitru BUDIANACHI, Minister of Finance
Alternate Governor:	position vacant

Romania

Governor:	Mr. Alin CHITU, Secretary of State, Ministry of Finance
Alternate Governor:	Ms. Boni Florinela CUCU, General Director, General Directorate for ECOFIN, Financial Assistance and International Financial Relations, Ministry of Finance

Russian Federation

Governor:	Mr. Timur MAKSIMOV, Deputy Minister of Finance
Alternate Governor:	position vacant

Republic of Türkiye

Governor:	Mr. Murat ZAMAN, Deputy Minister of Treasury & Finance
Alternate Governor:	position vacant

Ukraine

Governor:	Ms. Yuliia SVYRYDENKO, First Deputy Prime Minister & Minister of Economy
Alternate Governor:	Mr. Volodymyr KUCHYN, Head, Office for European Integration & International Programs, National Bank of Ukraine

Board of Directors

As of 31 December 2022

Republic of Albania

Director: Mr. Arlind GJOKUTA, Secretary General, Ministry of Finance & Economy
 Alternate Director: position vacant

Republic of Armenia

Director: Mr. Garegin GEVORGYAN, Director, Financial System Stability and Regulation Directorate, Member of Executive Committee, Central Bank of Armenia
 Alternate Director: Mr. Argam ARAMYAN, Head, International Cooperation Department, Ministry of Finance

Republic of Azerbaijan

Director: Mr. Famil ISMAYILOV, Head, International Cooperation Department, Ministry of Finance
 Alternate Director: position vacant

Republic of Bulgaria

Director: Ms. Milena BOYKOVA, Director, Government Debt Directorate, Ministry of Finance
 Alternate Director: position vacant

Georgia

Director: Ms. Ekaterine GUNTSADZE, Deputy Minister of Finance
 Alternate Director: Mr. Irakli KATCHARAVA, Head, Public Debt Management Department, Ministry of Finance

Hellenic Republic

Director: Mr. Ioannis TSAKIRIS, Deputy Minister of Development & Investments
 Alternate Director: position vacant

Republic of Moldova

Director: Ms. Elena MATVEEVA, Head, Public Debt Department, Ministry of Finance
 Alternate Director: position vacant

Romania

Director: Ms. Diana BLINDU, Head of Division, General Directorate for ECOFIN, Financial Assistance and International Financial Relations, Ministry of Finance
 Alternate Director: position vacant

Russian Federation

Director: Mr. Dmitry BIRICHEVSKIY, Director, Department of Economic Cooperation, Ministry of Foreign Affairs
 Alternate Director: position vacant

Republic of Türkiye

Director: Mr. Kerem DÖNMEZ, Acting Director General, Foreign Economic Relations, Ministry of Treasury and Finance
 Alternate Director: position vacant

Ukraine

Director: Mr. Taras KACHKA, Deputy Minister of Economy, Trade Representative of Ukraine
 Alternate Director: position vacant

Audit Committee

As of 31 December 2022

Ms. Diana BLINDU, Director for ROMANIA and Chairperson of the Audit Committee

Mr. Famil ISMAYILOV, Director for the Republic of AZERBAIJAN and Audit Committee member

Ms. Ekaterine GUNTSADZE, Director for GEORGIA and Audit Committee member

Ms. Elena MATVEEVA, Director for the Republic of MOLDOVA and Audit Committee member

Current Management Team



Dr. Serhat Köksal

President

Chairman of the Board of Directors



Dragoş Paul Ungureanu

Vice President Risk



Valeriy Piatnytskyi

Vice President Finance



Asterios Tsoukalas

Secretary General

Management Team Financial Year 2022



Dr. Serhat Köksal

President
Chairman of the Board of Directors



Ivaylo Moskovski

Vice President Risk



Valeriy Piatnytskyi

Vice President Finance



Aristotelis Spiliotis

Secretary General

To the Board of Governors

In accordance with Article 35 of the Agreement Establishing the Black Sea Trade and Development Bank and Section 10 of its By-Laws, I submit to the Board of Governors the Bank's Annual Report for 2022 as endorsed by the Board of Directors. The Twenty Second Annual Report contains the Bank's financial statements; separate financial statements for the operations of the Bank's Special Funds have also been issued, as prescribed in Section 12 of the Bank's By-Laws.

Dr. Serhat Köksal
President
Chairman of the Board of Directors

Statement by the President



For the Black Sea Region, 2022 was a year unlike any other in recent memory. The year was marked first and foremost by geopolitics and specifically the ongoing war in Ukraine. Ukraine experienced, and continues to suffer, destruction and devastation on an unheard-of scale in post-World War II Europe. The Black Sea Trade and Development Bank condemns this unnecessary loss of life and damage, and stands ready to step in alongside other development institutions and the international community to support post-war reconstruction and rehabilitation.

Among non-warring Member States of BSTDB (the 'BSTDB-9'), events at the global level also generated various adverse pressures. The strong recovery of the global economy from the 2020-21 coronavirus pandemic slowed in 2022, with real global GDP growth falling from 6.3% in 2021 to 3.4% in 2022. Moreover, it shows signs of protracted sluggishness due to the need to counter rising imbalances that arose

in the aftermath of stimulus programs implemented to contain the economic damage from the pandemic. Specifically, higher fiscal deficits and public debt levels generated sustainability concerns and also contributed to rising inflationary pressures. The imperative to control these growing imbalances led to fiscal and especially monetary policy interventions that were contractionary in nature.

Real GDP growth for the entire Black Sea Region in 2022 was essentially zero, but this masks the varied outcomes between the countries at war, which experienced contractions, and the remaining BSTDB-9, which achieved average real weighted GDP growth of 5.3%. It was an outturn lower than the recovery fueled regional 7.1% growth of 2021, but still vigorous. In comparison to other regions around the world, it ranks among the highest and well above what was expected early in 2022. It was achieved despite the geopolitical tensions, monetary tightening, as well as heightened policy emphasis on reducing government budget deficits and debt levels. Inflation remained painfully high; it increased substantially in every country due to sharp increases in food and energy prices globally, and reached double digits in all but three BSTDB countries, although by the end of the year the rate of price growth had slowed considerably as the impact of higher interest rates was felt. These achievements are testimony to the diligence with which the economies of the Black Sea Region have been managed, and the sustained commitment of policy makers to keep key macroeconomic indicators healthy so as to boost credibility and enhance the attractiveness of the economies to external investment and debt financing in a sustainable manner.

Against the backdrop of conflict, the Black Sea Trade and Development Bank experienced a year marked by extraordinary difficulties, all of which were directly attributable to the conflict and its political and financial fallout. BSTDB entered 2022 on the back of a highly successful year marked by record profitability in 2021 and growth of the portfolio to nearly € 2.4 billion, in line with key institutional strategic targets. With shareholders having agreed to undertake a capital increase in late 2021 that would reach € 815 million (of which € 245 million paid-in), the Bank was set to continue its strategy of steady, managed growth over the coming years, seeking to enhance lending in infrastructure and climate change mitigation activities, such as renewables generation.

Sadly, the war overwhelmed the outlook for an institution established to promote regional cooperation and economic integration. The ensuing severe economic sanctions and countersanctions created a highly uncertain climate marked by negative sentiment and a drive for immediate economic disengagement.

BSTDB was forced by circumstances to change its operating strategy. Previously robust operational activity slowed dramatically and instead the Bank focused on safeguarding its existing portfolio and ensuring that it is in position to meet all obligations to clients and creditors without violating the ever increasing and complex minefield of economic sanctions. Key operational figures show the extent of this slowdown: after averaging € 856 million per annum from 2019-2021, new Board approvals of operations fell to € 70.7 million in 2022. Similarly, new commitments fell from an annual average of

€ 763 million to € 120.9 million and new disbursements fell from an annual average of € 910 million to € 348.6 million. Inevitably, this resulted in a contraction in the Bank's operational portfolio which reached -12.7% to € 2,069 million.

The reversal of nearly 20 years of consistent growth was frustrating for an institution used to expanding its client base and the range and type of support it provided to a dynamic region of growing sophistication. However, it was necessary and it demonstrated the ability and willingness of the Bank, backed by its shareholders, to change direction and put itself in position to remain an important developmental actor in the Black Sea region over the long term. The Bank turned its focus to more intense portfolio monitoring, consolidation of activities, and freeing up of resources in order to maximize flexibility and attain clarity. This included substantially heightened provisioning, not just in response to observed problems but also pre-emptively to provide greater buffers in light of heightened uncertainties. After 18 consecutive years of posting net positive income, including a record level of € 42.0 million in 2021, the Bank posted a loss of € 27.6 million for 2022.

In parallel with the operational activities, the Bank in 2022 undertook a smooth transition of upper Management with the appointment of a new President and Vice President of Operations, and the renewal of the incumbent Vice President Finance. Together with a new Secretary General appointed in early 2023, this team, with the contribution of existing staff will guide the institution for the coming four year period to 2026. Among its tasks was the preparation of a new Medium Term Strategy and Business Plan (MTSBP) to articulate the key directions for BSTDB to follow. In contrast to previous iterations which covered a full four year term, this MTSBP was prepared for the two year period 2023-24 to focus upon the safeguarding of the Bank's interests and the laying of the foundation for the Bank to return to its original business model of steady, managed growth in the 2025-26 period and beyond.

A fundamental supporting element for the Bank is the € 816.5 million capital increase (of which € 245.0 million paid-in) that was approved by the shareholding Member States in late 2021. It continued apace in 2022, although circumstances necessitated extending deadlines so that the process would be finalized in 2023, with the initial payment of the first installment of the new capital taking place as originally scheduled prior to the end of 2023. This timely injection of capital represents an immeasurably important expression of shareholder support, coming during the ongoing geopolitical turmoil, and even as Member Countries were making difficult budget decisions for the aforementioned fiscal consolidations.

BSTDB remains committed to re-initiating efforts at regional cooperation and recovery in the Region as soon as it is feasible to do so, and inclusive of all Member States in good standing. Difficult as the year was, it underscored the staying power of the institution and its resilience in the face of unprecedented adversity. Furthermore, it reinforced the importance of having mechanisms to promote regional cooperation and closer cooperation. Ultimately, such cooperation is the only constructive way for neighbouring states to engage so as to resolve differences, find solutions to common problems that cross borders, and find common ground that creates mutually beneficial opportunities for all.

Dr. Serhat Köksal
Chairman of the Board of Directors
President
Black Sea Trade and Development Bank

BSTDB Highlights of 2022

Despite geopolitical tensions and conflict, the Bank's affected clients demonstrated commitment in continuing to service their loan obligations and constructively worked with the Bank to find appropriate arrangements and solutions in case of difficulty. The Bank's efforts to manage its relationships with affected clients contributed to keeping NPLs at manageable levels.

The Bank rose to the year's challenges by ensuring robust credit monitoring, detecting vulnerabilities in the loan book, swiftly identifying borrowers at risk of distress, and undertaking swift analysis of new operations that substituted existing problematic ones. By doing so, the bank was able to anticipate and reduce negative impact by taking risk mitigating measures earlier and more effectively.

Similarly to 2020 and 2021, the Bank sought to proactively support clients and successfully address the uncertainties and risks of the pandemic and post-pandemic period. In several cases, the Bank led and collaborated with other lenders in providing expertise to re-engineer client business models and allow for a sustainable path to financial recovery.

An updated Procurement Policy in line with the policies of other Multilateral Development Banks and reflecting latest international trends such as "value-for-money" and "fit-for-purpose" methods and approaches as well as sustainability considerations was adopted by the Bank's Board of Directors.



NPLs kept at manageable levels

Robust credit monitoring

Swift analysis
of new operations

Negative impact anticipated and reduced

Successfully addressed clients uncertainties and risks
during the pandemic and post-pandemic period

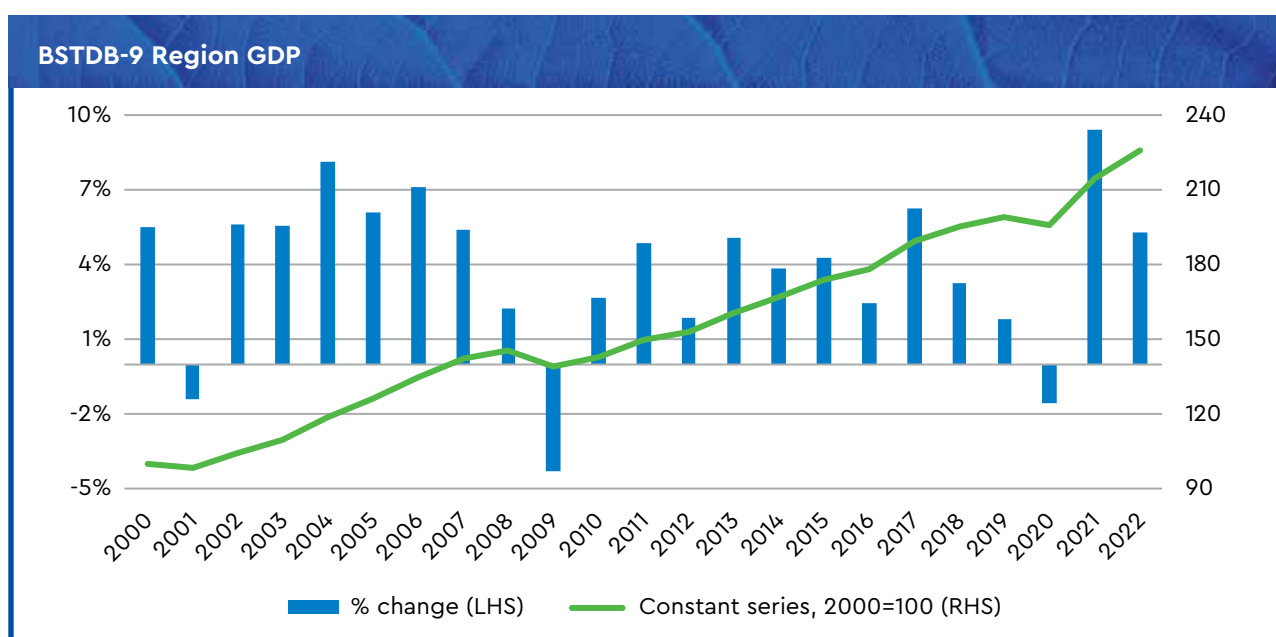
Provided expertise to re-engineer
client business models

Updated Procurement Policy reflecting
"value-for-money" and "fit-for-purpose" methods
and approaches



Economic Overview of the Black Sea Region in 2022¹

While 2022 started with a positive outlook, soon it was shattered due to the Russian military operation in Ukraine. The conflict undermined projections of growth for 2022, with forecasts downgraded by all major institutions as more and more downside risks materialized. However, the BSTDB-9 region yet again proved its resilience and actual growth in 2022 turned out better than even the optimistic forecasts from before the conflict. Following a 9.4% expansion in 2021, GDP in the BSTDB-9 region grew by 5.3% in 2022. Compared to the growth in 2021, which was effectively a rebound from the COVID-induced measures in the previous year, growth in 2022 was built upon the strong performance of the previous year.



Source: Official statistical agencies and BSTDB calculations

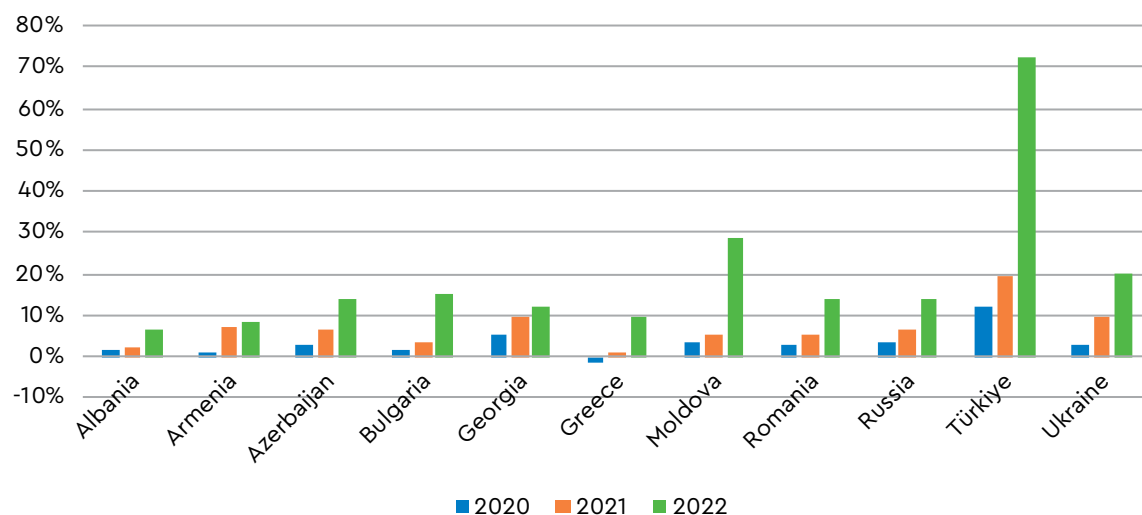
Robust household demand was the major driver in most of the countries in the BSTDB-9 group as people tapped their savings to increase their spending while in some countries relaxed monetary policies further supported the demand. According to the preliminary data, household demand posted growth in eight out of nine countries in 2022. Along with household demand, gross fixed capital formation remained broadly robust, further supporting growth in the member countries in 2022. However, strong consumer demand and investments have resulted in a relative deterioration of the trade balances in real terms as some parts of the domestic demand were met by imports.

Domestic demand and price developments

As the world was entering 2022, it was already expected that inflation would be on an upward trend globally and would force monetary authorities to take action. As the year progressed, actual inflation in the major economies came in far higher than was expected. As a result, BSTDB-9 countries had to deal with “imported” inflation as well. Strong domestic demand, on the other hand, further fed inflationary pressures, forcing monetary tightening in most of the countries of the region.

¹ Due to the war Russia and Ukraine stopped publishing some data while the available information is likely distorted by the war. Therefore, it was decided to exclude these two countries in most of the cases and denote the remaining group as “BSTDB-9.”

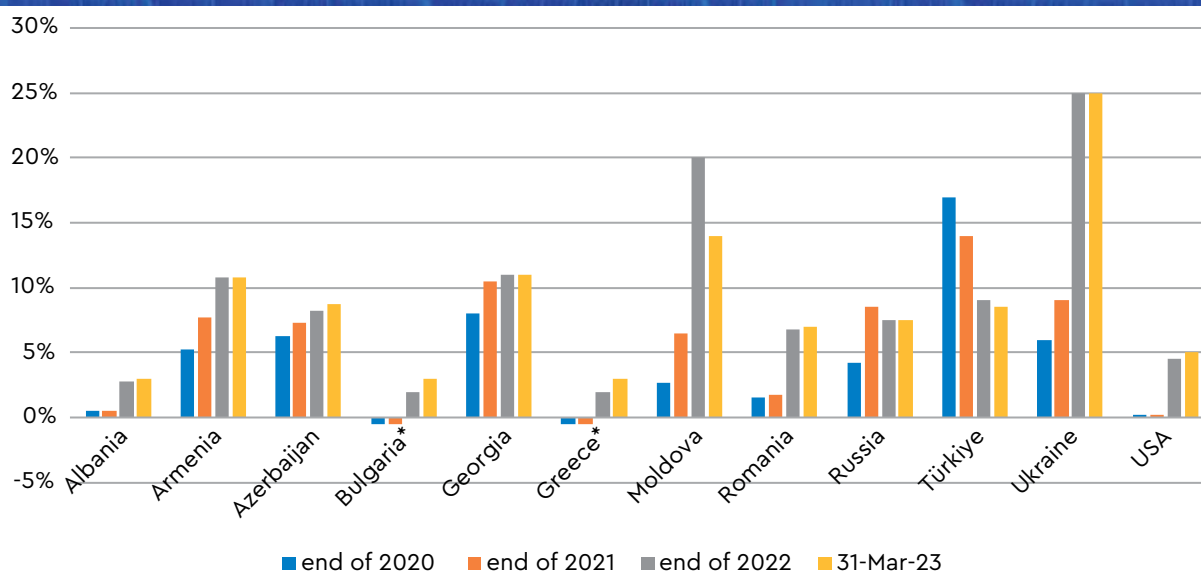
Annual Average Inflation Rate



In all nine countries in the BSTDB-9 group inflation in 2022 reached the highest levels since 2009, posting double-digit figures in six of them. While the inflation rate in the member countries is still high compared to targeted levels, monthly data indicate that trend peaks have passed and a downward trend has already started. The downward trend is most likely due to retreating global energy prices and the tightening of monetary policy undertaken by the respective countries, along with the high base of the previous year.

Source: Official statistical agencies and BSTDB calculations

Monetary Policy Rates

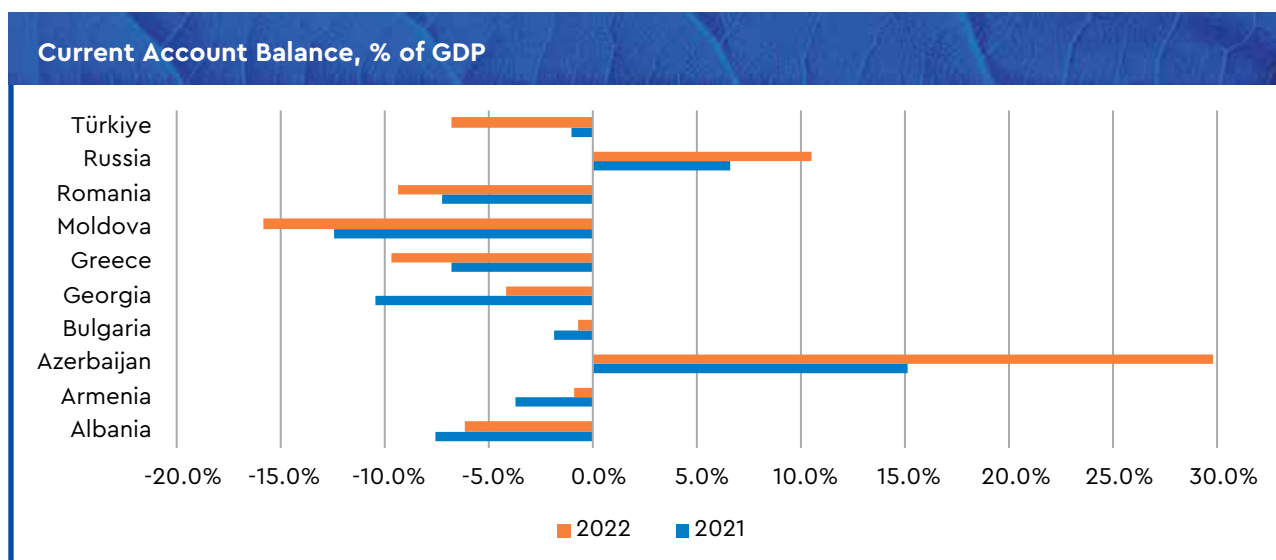


The most important tool at the hands of monetary authorities to tackle inflation developments is the monetary policy rate. Rates have been very low in recent years as inflation levels were significantly below the targeted levels. However, the re-emergence of inflationary pressures brought the instrument to the fore as policymakers started to raise rates aggressively. In turn, after years of ultra-low levels, the cost of borrowing increased in 2022.

* ECB rates (Bulgaria is not in the Eurozone, but has a fixed exchange rate pegged to the Euro and follows ECB rates)
Source: Central Banks of the member countries.

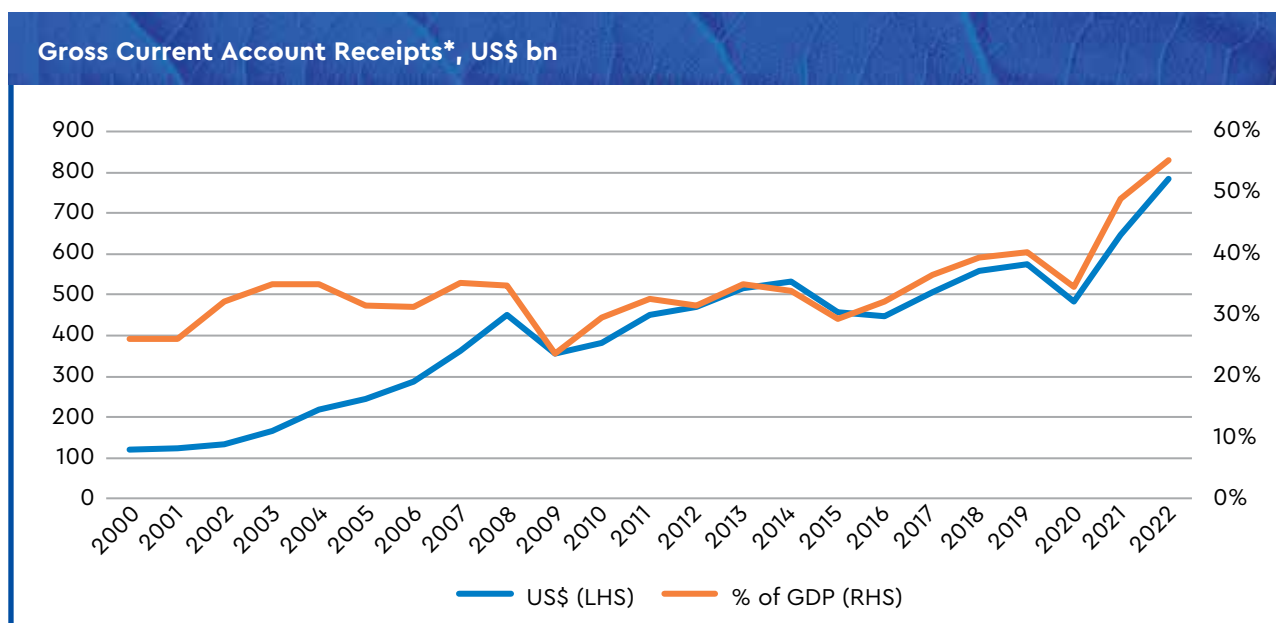
External balances

While domestic demand along with external drivers pushed up inflation in all member countries, for most of the member countries external demand and the terms of trade in nominal terms were beneficial in 2022, resulting in improvement in external balances. So, out of nine members, five member countries experienced improvement in their current account balances, while four of them experienced marginal worsening.



Source: Official statistical agencies, Central Banks, and BSTDB calculations

Gross current account receipts² of BSTDB-9 countries reached a record high of US\$ 785.3bn or 55.2% of the regional GDP in 2022. This was primarily driven by export of goods, which, by the balance of payments methodology, reached a record high level of US\$ 508.1bn in 2022, or 35.7% of GDP. In nominal US\$ terms, record high levels were posted for all other major categories also, including travel service, transport service, primary income, and some components of secondary income receipts.

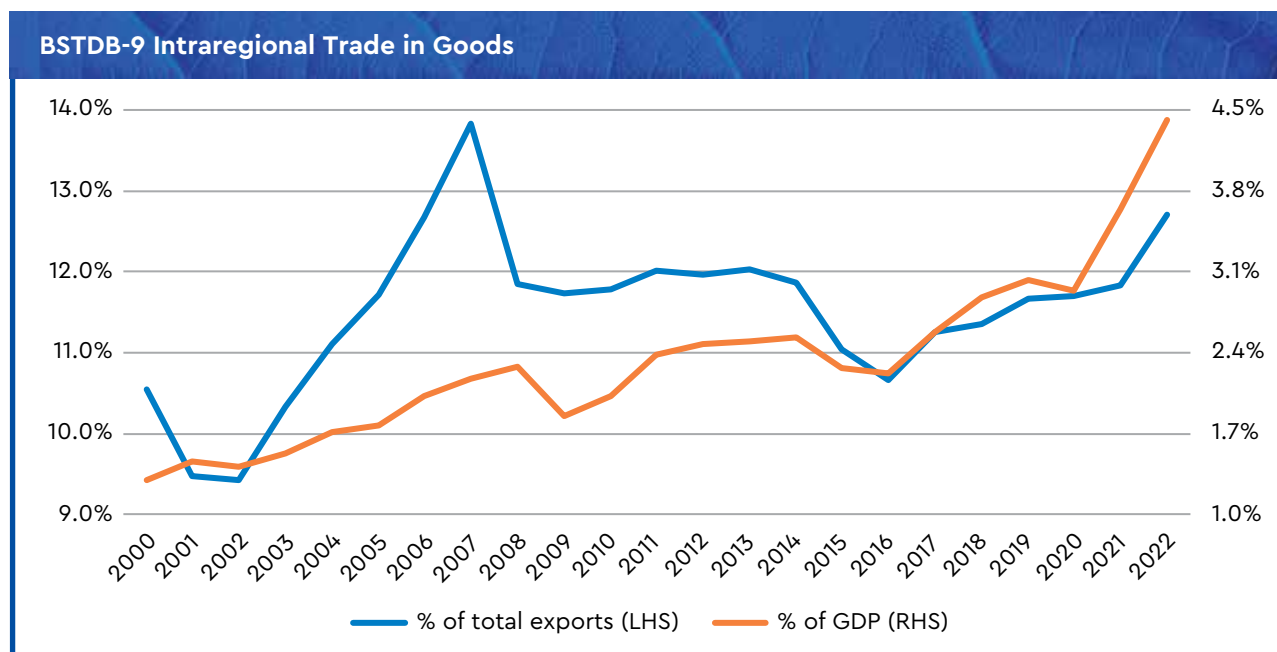


* Sum of goods exports, services exports, primary income receipts, and secondary income receipts.

Source: IMF database, respective central banks and statistical agencies, and BSTDB calculations

² Sum of goods exports, services exports, primary income receipts, and secondary income receipts that forms current account balance of balance of payments statistics.

Given the weight in the total external receipts and the availability of more detailed data, it is worth checking goods export trends in more detail. Goods exports from BSTDB-9 in 2022 reached US\$ 512.2 bn³, or 18.0% more than in the previous year. Intraregional exports⁴ in the BSTDB-9 region accounted for 12.7% of this amount or 4.4% of GDP. In nominal US\$ terms, intraregional exports, at US\$ 65.6 bn in 2022, reached historic record levels, while as a share of total exports, the measure was less only than the level reached in 2007. It should be stressed that since 2016 intraregional exports in the BSTDB-9 region have steadily increased, doubling in nominal US\$ terms and as a ratio to GDP.



On the financing side, it is worth noting that, in five countries out of nine, foreign direct investment (FDI) inflows were enough to cover all deficits, easing the external financing needs of those countries. FDI inflows in nominal US\$ terms reached record high levels in four member countries in 2022, while in eight countries inflows were significantly above compared to the annual average of the preceding ten years. Thanks to the robust FDI and net financial inflows, most of the countries in the region were able to increase their international reserves in 2022, thereby improving their barriers to potential challenges.

Official Reserve Assets, Market Value/Price, US Dollar								
	2015	2016	2017	2018	2019	2020	2021	2022
Albania	3.1	3.1	3.6	3.9	3.8	4.8	5.6	5.3
Armenia	1.8	2.2	2.3	2.3	2.8	2.6	3.2	4.1
Azerbaijan	7.3	6.6	6.7	6.7	7.0	7.6	8.3	11.3
Bulgaria	22.2	25.2	28.4	28.7	27.9	37.9	39.2	41.0
Georgia	2.5	2.8	3.0	3.3	3.5	3.9	4.3	4.9
Greece	6.0	6.9	7.8	7.6	8.5	11.9	14.4	12.1
Moldova	1.8	2.2	2.8	3.0	3.1	3.8	3.9	4.5
Romania	38.7	40.0	44.4	42.1	42.0	52.2	51.9	55.8
Russia	368.0	377.1	432.7	468.6	555.2	596.8	632.2	582.0
Türkiye	110.5	106.1	107.7	93.0	105.7	93.6	111.2	128.7
Ukraine	13.3	15.5	18.8	20.8	25.3	29.1	31.0	28.5

Source: IMF database

³ The difference in exports figures is due to the source of data. Methodological differences lead to minor differences between figures reported within the balance of payments framework and customs data. In this paragraph, customs data is used.

⁴ Intraregional exports are calculated as sum of exports from one member to 8 other member countries.

Fiscal and debt trends

Better than expected growth rates, robust domestic and external demand, and to some degree inflation helped the member countries to improve their fiscal balance. Public finances were hit during the pandemic period in 2020 when the simple average consolidated budget deficit in BSTDB-9 surged to 6.5% of GDP. However, with the strong rebound in 2021 and continued growth in 2022, the simple average fiscal deficit in the BSTDB-9 narrowed to 3.5% of GDP and 2.1% of GDP respectively.

As a result of the improvement in the fiscal balances, public debt, measured as a ratio to GDP went down in all 9 countries in the BSTDB-9 group, with the measure at multi-year lows in some countries. Along with the public debt, external debt as a ratio to GDP also declined in 2022, further improving the safety buffers of member countries.

Gross External Debt Stock								
	2019		2020		2021		2022	
	US\$ bn	% of GDP	US\$ bn	% of GDP	US\$ bn	% of GDP	US\$ bn	% of GDP
Albania	9.2	59.9%	9.8	64.5%	11.5	63.2%	10.3	55.4%
Armenia	12.4	90.9%	12.9	102.1%	13.8	99.9%	15.3	78.2%
Azerbaijan*	8.3	17.3%	8.1	19.0%	7.4	13.5%	6.7	8.5%
Bulgaria	42.2	61.3%	44.5	63.4%	48.7	58.0%	46.8	52.6%
Georgia	18.8	107.8%	20.8	131.4%	22.0	118.2%	23.5	95.7%
Greece	502.1	244.6%	564.3	298.7%	656.1	305.3%	575.7	262.8%
Moldova	7.2	61.5%	8.1	70.5%	8.8	64.0%	9.5	65.6%
Romania	122.9	49.0%	144.8	57.6%	161.5	56.6%	152.2	50.5%
Russia	491.5	29.0%	467.6	31.3%	482.4	26.3%	380.5	17.2%
Türkiye	414.6	54.5%	430.2	60.0%	439.3	61.2%	459.0	63.9%
Ukraine	121.7	79.1%	125.7	80.2%	129.7	64.8%	132.0	N/A

Source: Official statistical agencies, Central Banks, and BSTDB calculations

* Gross external debt stock of general government only



Banking sector loans

Measured as a ratio to GDP, banking sector loans to the private sector⁵ in the BSTDB region were down for the second year in 2022 as the nominal volume of the loan failed to match the nominal growth of GDP. Deflationary pressures and pandemic related decline of GDP in 2020 resulted in the loan/GDP measure reaching recent highs in 2020. This was reversed in the next two years, with the ratio retreating to the pre-Covid levels in most of the countries of the region. It is normal for the rebound to occur without borrowing, as existing capacities are being utilized. However, following “normalization,” and as capacity utilization rates reach critical levels, future growth might require stronger demand for banking loans.

Commercial Bank Loans to Private Sector, % of GDP								
	2015	2016	2017	2018	2019	2020	2021	2022
Albania	35.4%	34.6%	32.6%	30.5%	31.3%	35.2%	33.2%	31.9%
Armenia	43.6%	46.2%	48.8%	52.6%	57.3%	69.1%	59.0%	50.3%
Azerbaijan	38.4%	31.7%	21.1%	19.9%	22.2%	25.0%	22.0%	17.6%
Bulgaria	54.7%	51.9%	49.7%	50.3%	49.5%	51.4%	48.3%	45.5%
Georgia	44.8%	50.3%	52.4%	57.4%	62.8%	76.8%	70.9%	61.3%
Greece	112.6%	108.4%	100.7%	91.5%	80.8%	82.1%	56.9%	51.3%
Moldova	26.8%	22.7%	20.0%	19.5%	20.2%	23.3%	23.4%	22.5%
Romania	29.9%	28.6%	26.7%	25.5%	24.6%	25.8%	26.5%	24.7%
Russia	55.9%	53.1%	52.1%	51.2%	52.6%	59.6%	54.4%	N/A
Türkiye	62.6%	65.3%	65.9%	63.2%	61.9%	70.9%	66.1%	48.4%
Ukraine	47.0%	38.6%	31.1%	27.7%	22.8%	20.9%	17.6%	N/A

Source: Official statistical agencies, IMF database, and BSTDB calculations



⁵ For the sake of comparability, data for “claims on private sector by other depository corporation” was used as a proxy for commercial banks loans from IMF database.

Conclusion

2022 was a very challenging year, regionally and globally. As the downside risks materialized, growth projections for the region were lowered, with the expectation of strong and fast spillovers from the war between Russia and Ukraine and increasing global prices. However, the region once again proved its resilience, with actual growth rates exceeding forecasts over the course of the year. At the same time, key macroeconomic buffers improved as improvements were recorded in fiscal balances while external financial flows exceeded external financing needs, thereby boosting reserves. The better than expected figures probably also show that regional countries have increased their integration globally and thus reduced their dependence on a few traditional partners. The resilience of the region is also reflected in the sovereign rating of the countries in the region. With the exception of Russia and Ukraine, only one member country was downgraded in 2022, while others either remained stable or got improvement in their outlook, with two countries getting upgrades from different rating agencies.

	Fitch				Moody's				S&P		
	end of 2021	end of 2022	latest		end of 2021	end of 2022	latest		end of 2021	end of 2022	latest
Albania	-	-	-		B1 stable	B1 stable	B1 stable		B+ stable	B+ stable	B+ stable
Armenia	B+ stable	B+ stable	B+ positive		Ba3 stable	Ba3 negative	Ba3 negative		B+ positive	B+ stable	B+ stable
Azerbaijan	BB+ stable	BB+ positive	BB+ positive		Ba2 positive	Ba1 stable	Ba1 stable		BB+ stable	BB+ stable	BB+ stable
Bulgaria	BBB+ positive	BBB+ positive	BBB+ positive		Baa1 stable	Baa1 stable	Baa1 stable		BBB stable	BBB stable	BBB stable
Georgia	BB stable	BB stable	BB positive		Ba2 stable	Ba2 negative	Ba2 negative		BB negative	BB stable	BB stable
Greece	BB stable	BB positive	BB+ stable		Ba3 stable	Ba3 stable	Ba3 positive		BB positive	BB+ stable	BB+ stable
Moldova	-	-	-		B3 stable	B3 negative	B3 negative		-	-	-
Romania	BBB- negative	BBB- negative	BBB- stable		Baa3 stable	Baa3 stable	Baa3 stable		BBB- stable	BBB- stable	BBB- stable
Russia	-	-	-		-	-	-				
Türkiye	BB- negative	B negative	B negative		B2 negative	B3 stable	B3 stable		B+ negative	B stable	B negative
Ukraine	B positive	CC	CC		B3 stable	Caa3 negative	Ca stable		B stable	CCC+ stable	CCC negative

upgrade

improvement in outlook

worsening in outlook

downgrade

Following two consecutive years of strong demand, growth rates will likely slowdown in 2023 due to the high base of the previous years. However, improved buffers along with sound macroeconomic policies will feed growth in the next few years. As the post-pandemic “rebound” factor in the growth cycle wears out, countries will probably need more financing either from domestic commercial banks and/or external sources. While positive growth outlooks will attract resources from private domestic and external sources, IFI and official funding will likely be required to fill in the financing gaps.

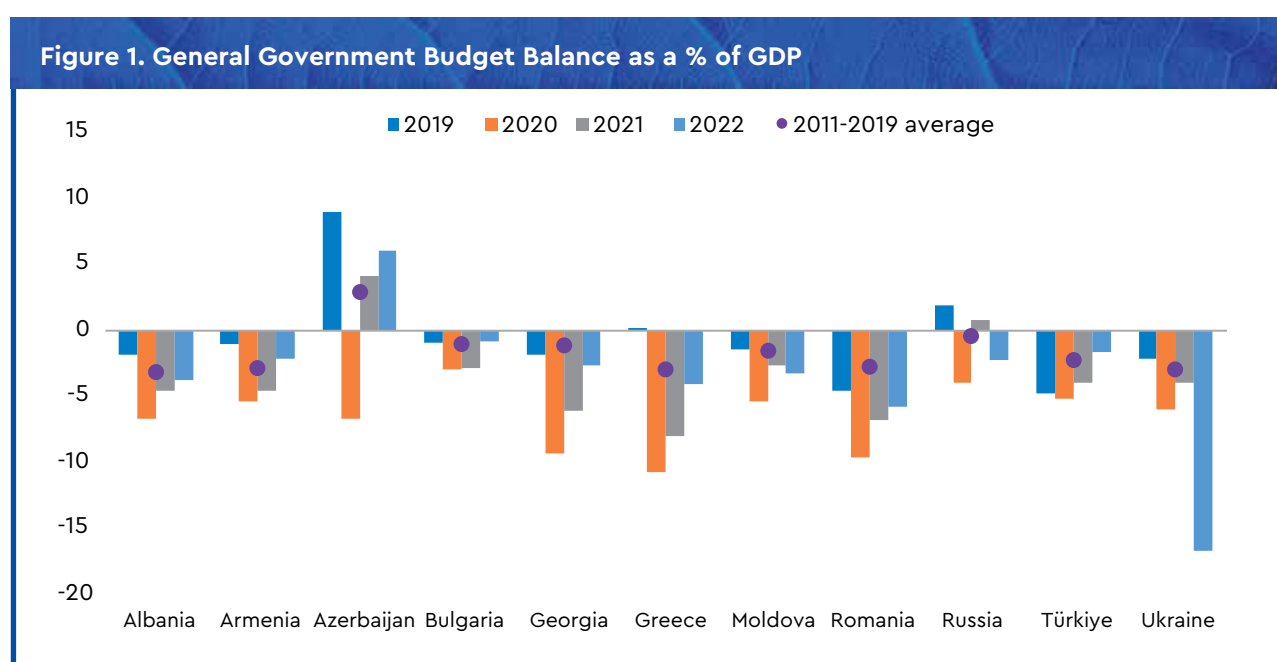
In focus: The Effect of the COVID-19 Pandemic on Public Finances in BSTDB Countries

The COVID-19 pandemic prompted countries around the globe to raise fiscal spending on healthcare and social assistance programs. In addition to the higher healthcare spending, many countries also introduced targeted social assistance programs to support those hit by both the economic slowdown caused by the pandemic and the imposed lockdown measures. Various financial assistance programs for sectors of the economy that suffered the most during the pandemic, such as tourism, travel and real estate, and small and medium-sized enterprises (SMEs) in general, were also put into place. Although there were differences across countries, on average the volume of additional fiscal and liquidity measures introduced to counter the pandemic in BSTDB member countries is estimated at around 6.5% of GDP in 2020 and 2.3% of GDP in 2021⁶.

The present chapter analyzes the evolution of public debt in BSTDB countries in the post-pandemic period. In particular, it aims to assess the impact of the higher COVID-19 pandemic-related government expenditures on debt levels in order to identify major risks that could potentially impact the sustainability of public finances.

The chapter intentionally does not delve into the public finances of Ukraine, and Russia. The heightened uncertainty and the lack of reliable data for the very recent past do not allow for the formulation of reasonable conclusions for Ukraine and Russia.

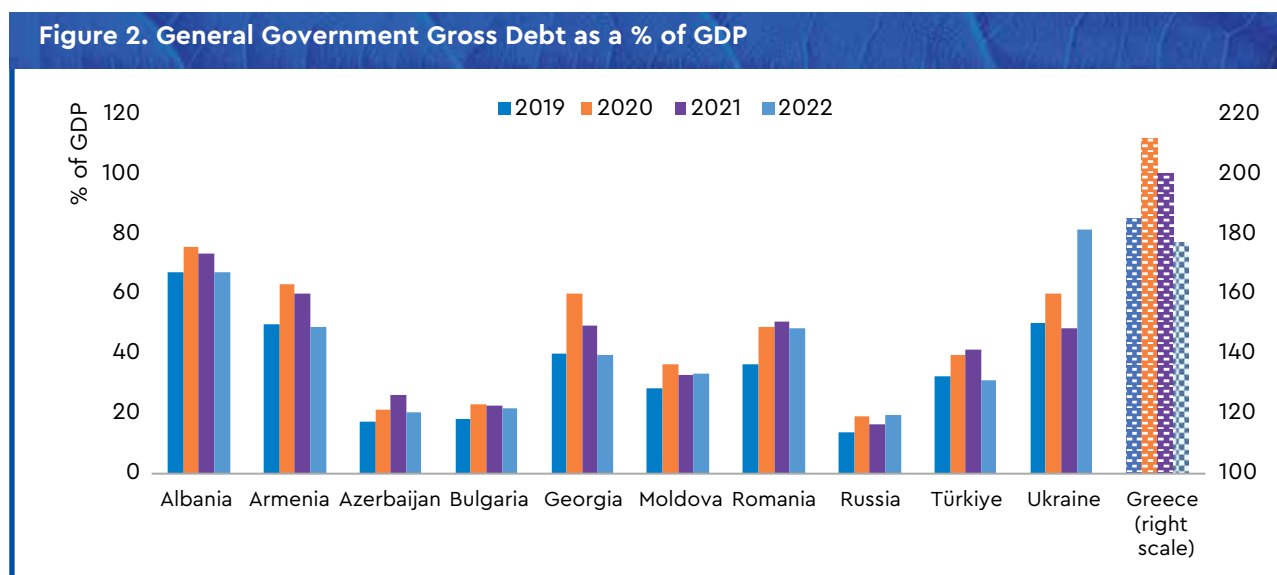
The increase in the expenditure side of the general government budget in many countries was coupled with reduced revenues stemming from the slowdown of economic activity. As a result, budget deficits soared. This was a global trend, which was also observed in BSTDB countries. Before the pandemic, almost all BSTDB countries kept budget deficits low, below 3% of GDP on average during 2011-2019. However, in 2020 countries had to increase deficits to exceptionally high levels. In 2019 general government deficits in BSTDB member countries averaged around 0.7% of GDP, while in 2020 this figure has increased to 6.6%. Compared to the previous year, in 2021 deficits came down to 3.4% of GDP on average but still remained higher than in the pre-pandemic period (2011-2019). In 2022 fiscal consolidation continued in most countries except Russia, Ukraine, and Moldova where increase in budget deficit was caused by the war in Ukraine (See Figure 1).



Source: IMF World Economic Outlook, April 2023

⁶ Fiscal Monitor Database of Country Fiscal Measures in Response to the COVID-19 Pandemic, IMF Fiscal Affairs Department October 2021. <https://www.imf.org/en/Topics/imf-and-covid19/Fiscal-Policies-Database-in-Response-to-COVID-19>.

To finance increased deficits, countries had to borrow both domestically and internationally. This, together with the fall in GDP, drove debt-to-GDP ratios well above the levels at the end of 2019. Lending from international financial institutions (IFIs) was a significant source of financing of budget deficits, especially for developing countries. Another main source was borrowing from both international and domestic markets. As a response to the mounting budget deficits in 2020, public debt in nominal terms surged. As most countries also experienced negative economic growth in 2020, the increase in public debt relative to GDP was even more profound (see Figure 2). On average public debt to GDP in the BSTDB member countries increased by 10 percentage points from 49% in 2019 up to 60% in 2020⁷. For countries that did not have much fiscal space before the pandemic, the higher debt burden creates sustainability risks that will require fiscal consolidation in the years to come.



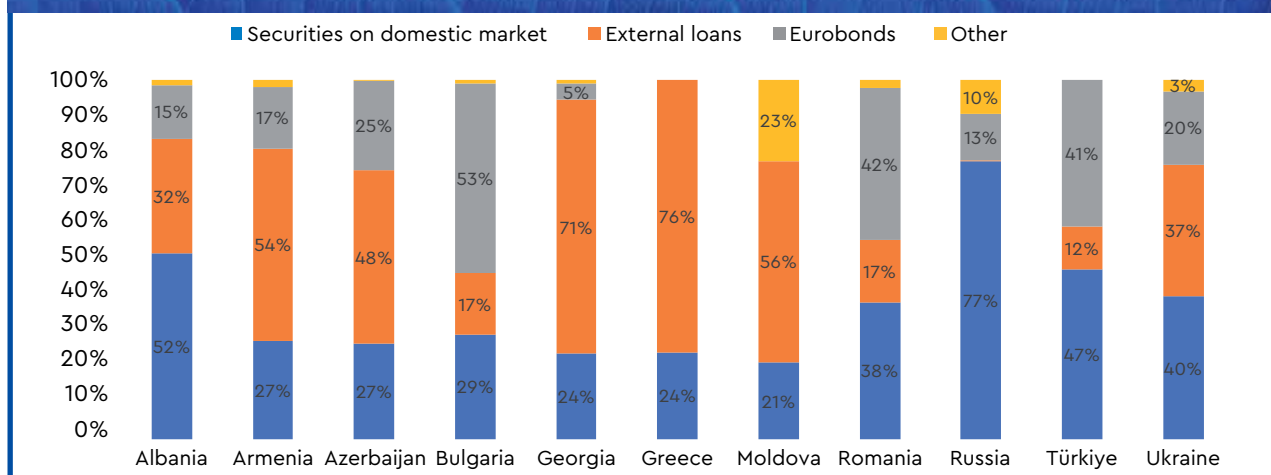
Source: IMF World Economic Outlook, April 2023

Another important global development recently with implications for BSTDB countries has been the increase and persistence of inflation. Since the second half of 2021, inflation – provoked mainly by a rise in food and energy prices – has become an additional challenge for most advanced and emerging economies. In most advanced economies, inflation has reached levels unseen for more than three decades. To keep inflation expectations anchored and to safeguard monetary stability, central banks in advanced economies started to tighten monetary policies in 2022. Over the course of the year, the US Federal Reserve hiked the policy rate by 4.25pp, the Bank of England – by 3.25pp, and the ECB – by 2.5pp. This policy tightening has negatively affected borrowing costs on international markets, which is particularly worrisome for countries with both elevated debt levels and high gross financing needs. As borrowing costs rose, while the debt-to-GDP ratio went up, the sustainability of public debt has become an important issue to consider.

On the positive side, it should be noted that the economic recovery after the pandemic was faster and stronger than expected. This helped countries to partially offset the recently accumulated debt burden. As already mentioned, the strong recovery was accompanied by high inflation. Although in the long-term high inflation can have negative effects on potential economic growth – as it feeds into future inflation expectations – in the short term, it can help countries reduce their debt burden. Consequently, in many countries, the public debt-to-GDP ratio fell in both 2021 and 2022, mainly due to high inflation and strong real growth that offset a large part of the newly accumulated debt during the pandemic. Some BSTDB member economies with a high share of FX-denominated debt in total public debt experienced domestic currency appreciation in 2021-2022 which had an additional positive impact on the debt-to-GDP ratio.

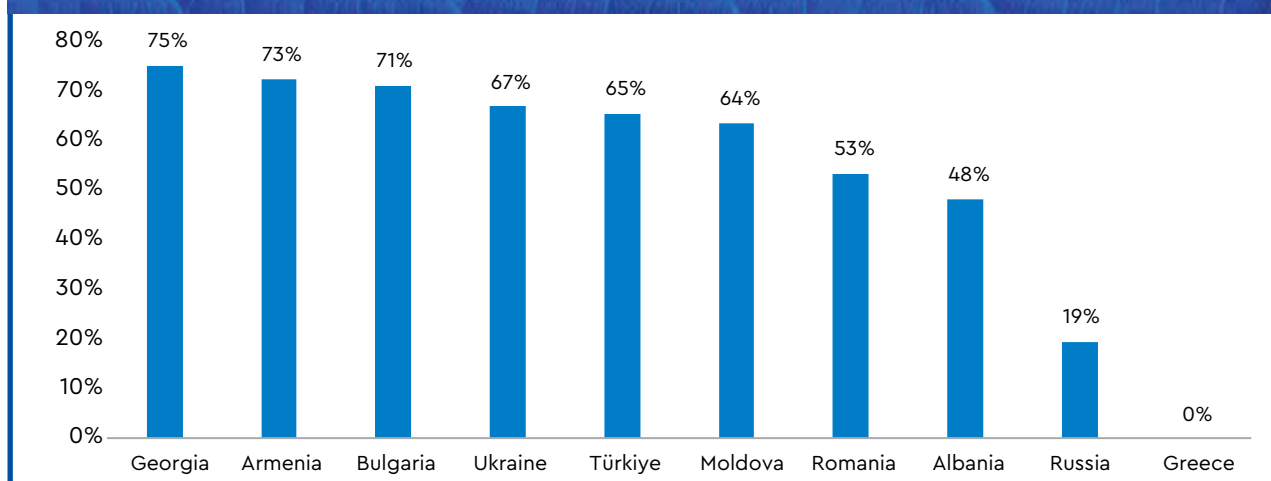
The structure of the public debt in the BSTDB region varies across countries. In countries with more developed financial markets the share of domestic borrowing is larger than in other countries, a factor that makes them less exposed to external shocks. In countries with a relatively lower level of GDP per capita, a large part of the public debt consists of loans from multilateral lenders that often lend on concessional terms with lower interest costs and overall debt burden (See Figure 3). The share of borrowings from the international market in the form of Eurobonds has been on an increasing trend in recent years in the BSTDB region as more and more countries attained access to international capital markets.

⁷ Public debt to GDP in BSTDB region excluding Greece was on average 45% in 2020.

Figure 3 Structure of the Public Debt in BSTDB Countries at end 2022 (% share in total public debt)

Source: Web pages of the Ministries of Finance in respective countries; Eurostat.

Another common feature of certain BSTDB countries is the relatively high share of FX-denominated debt in total public debt (See Figure 4). This makes public debt vulnerable to currency fluctuations, as evident during the pandemic years (2020-2022), when exchange rate volatility caused large swings in the debt-to-GDP ratio. When the pandemic hit in 2020 many countries experienced a large depreciation of the local currency, and this was an important contributor to the increase in public debts. However, appreciation of the local currency does the exact opposite, lowering debt-to-GDP metrics. As already mentioned above, in 2021 and 2022 public debt-to-GDP ratios declined. In some countries, together with strong economic growth, a significant currency appreciation played an important role in reducing debt-to-GDP ratios. In countries with a relatively high share of foreign currency debt, exchange rate movements can cause significant fluctuations in the debt to GDP figures. This is a potential key risk from a debt sustainability perspective in most BSTDB countries. It should be noted, however, that in countries with lower income levels, a large part of the FX-denominated debt consists of concessional borrowing that makes the actual debt servicing relatively easy. Still, the high share of FX debt is a vulnerability for most BSTDB countries as adverse developments, such as large currency depreciation, can push public debt above the 60% threshold⁸. Therefore, reducing the share of FX debt in total debt is of utmost importance for public debt sustainability in the BSTDB Region. To lower reliance on FX borrowings, countries need to develop their local currency markets and increase the share of domestic debt as a proportion of total public debt.

Figure 4 The Share of Foreign Currency Denominated Debt in Total Public Debt (%)

Source: Web pages of the Ministries of Finance in respective countries.

⁸ 60% is an average vulnerability threshold that is suggested by the IMF for debt sustainability exercises.

One thing BSTDB countries have in common is that, for the most part, initial debt levels as a ratio to GDP were relatively low before the COVID-19 pandemic. This provided the countries with the necessary fiscal space to accommodate the additional spending related to the pandemic. Nonetheless, the debt-to-GDP ratio in some countries increased significantly and even surpassed the 60% threshold.

To assess the stance of the public finances in the medium-term the present analysis relies on the fiscal rules existing in each country and makes projections for the main components of the budget such as revenues and expenditures, as well as the primary⁹ and overall fiscal balance of the countries involved. GDP and inflation projections, however, are taken from the IMF World Economic Outlook Database (April 2023).

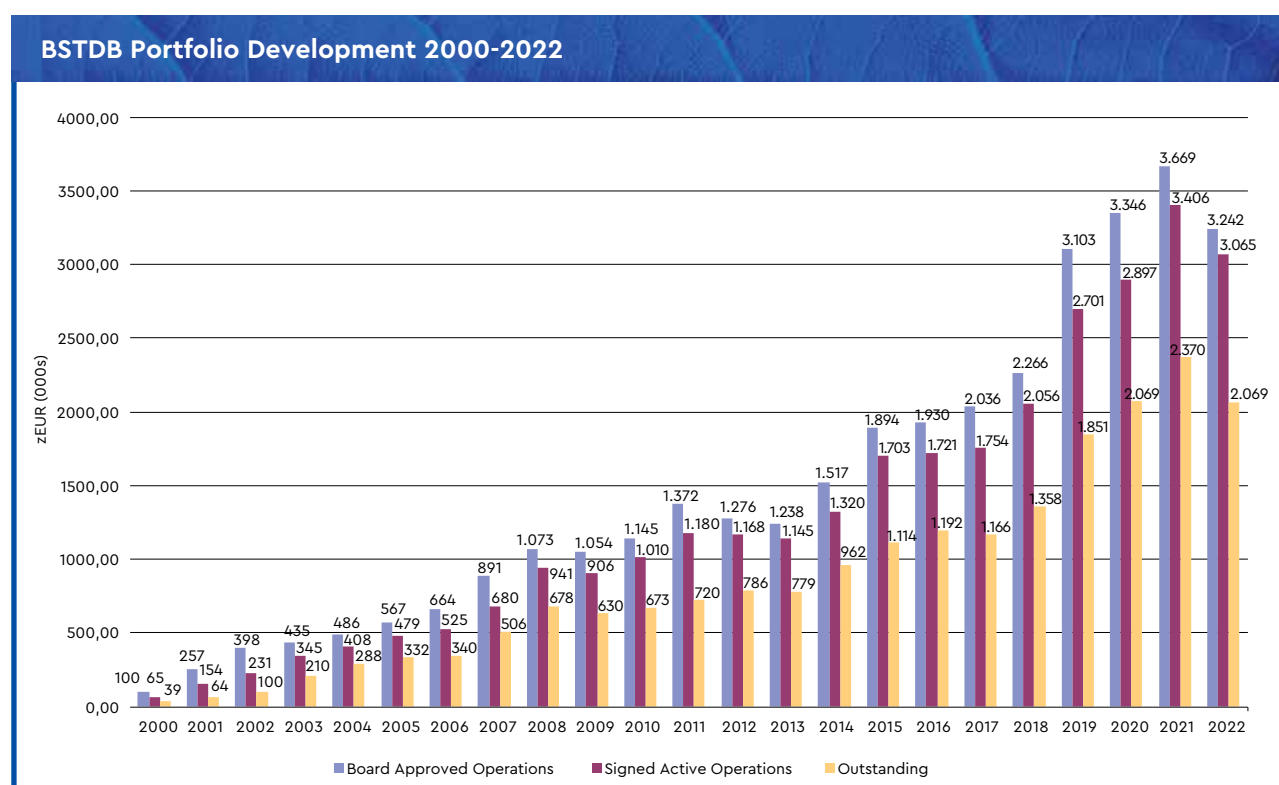
According to the assessment, in the medium term, the volume of the public debt relative to GDP is expected to stay on a declining trend in most BSTDB countries. In countries where the debt-to-GDP ratio is expected to increase relative to current levels, it nevertheless remains below the vulnerability threshold of 60%. Overall, even in countries with current debt to GDP levels higher than 60%, the indicator stays on a declining trend. Hence, according to the present analysis most BSTDB countries face low debt sustainability risks. However, an important assumption behind the baseline scenarios is that countries will successfully conduct fiscal consolidation in the years to come.



BSTDB in the Black Sea Region

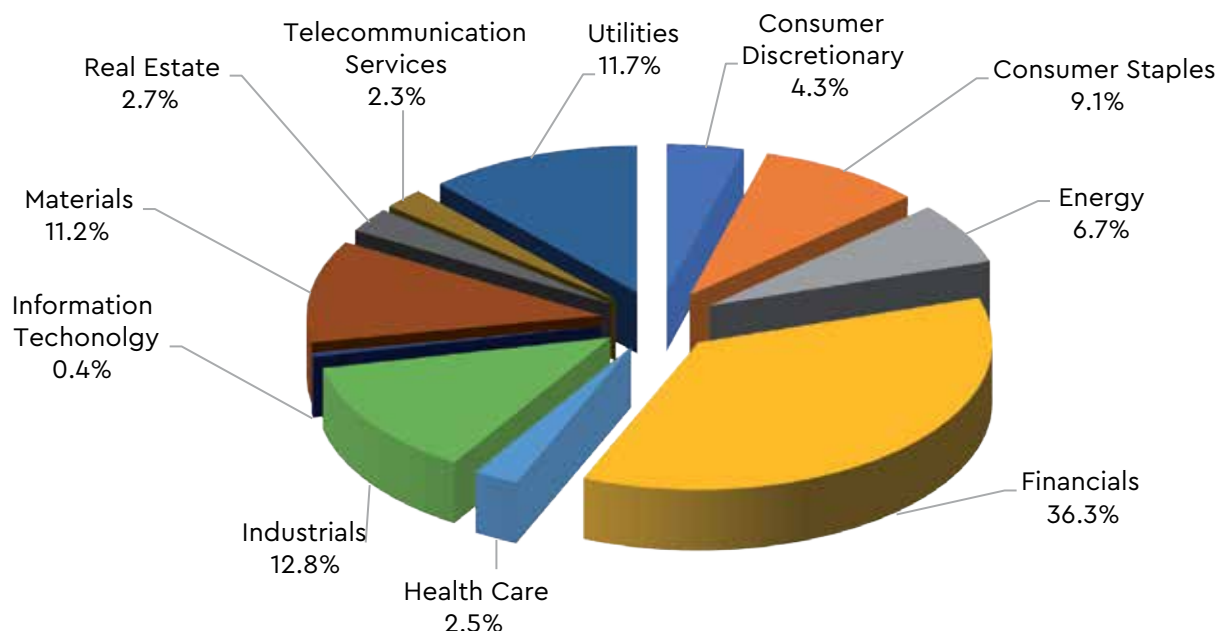
Portfolio Description

Since the beginning of operations in June 1999, the Bank has approved 479 operations amounting to about EUR 8.6 billion. Throughout this period, there were 427 signed operations for a total signing amount of EUR 7.4 billion. A total of 368 operations for about EUR 6.2 billion were repaid. At end-2022, there were 116 operations in the total portfolio outstanding balance for EUR 2.069 billion.



Source: BSTDB

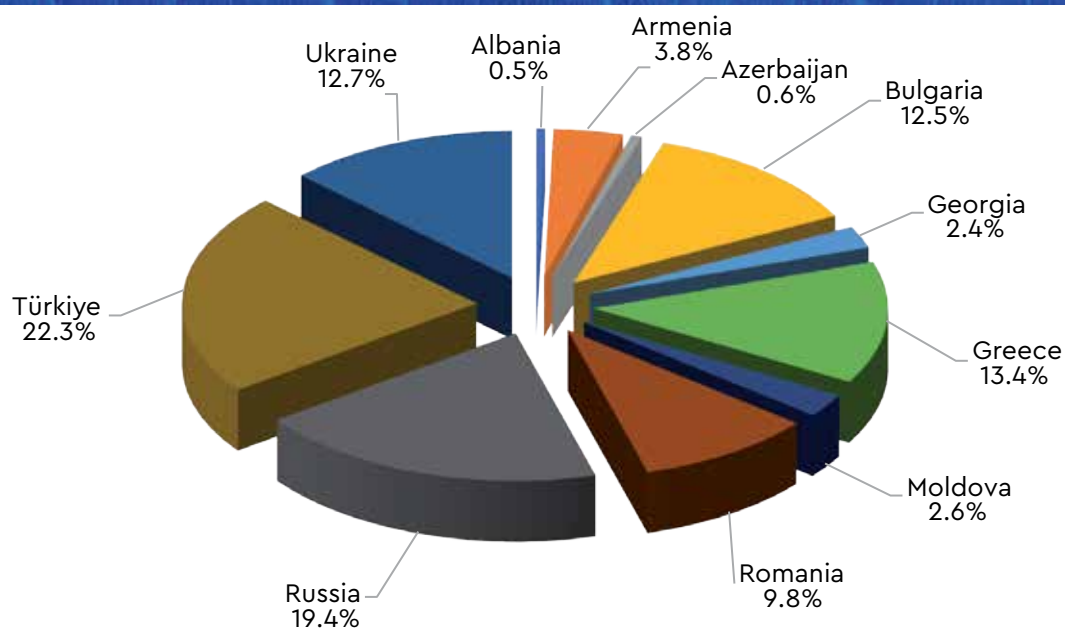
Cumulative Signed Operations by Sector



Source: BSTDB

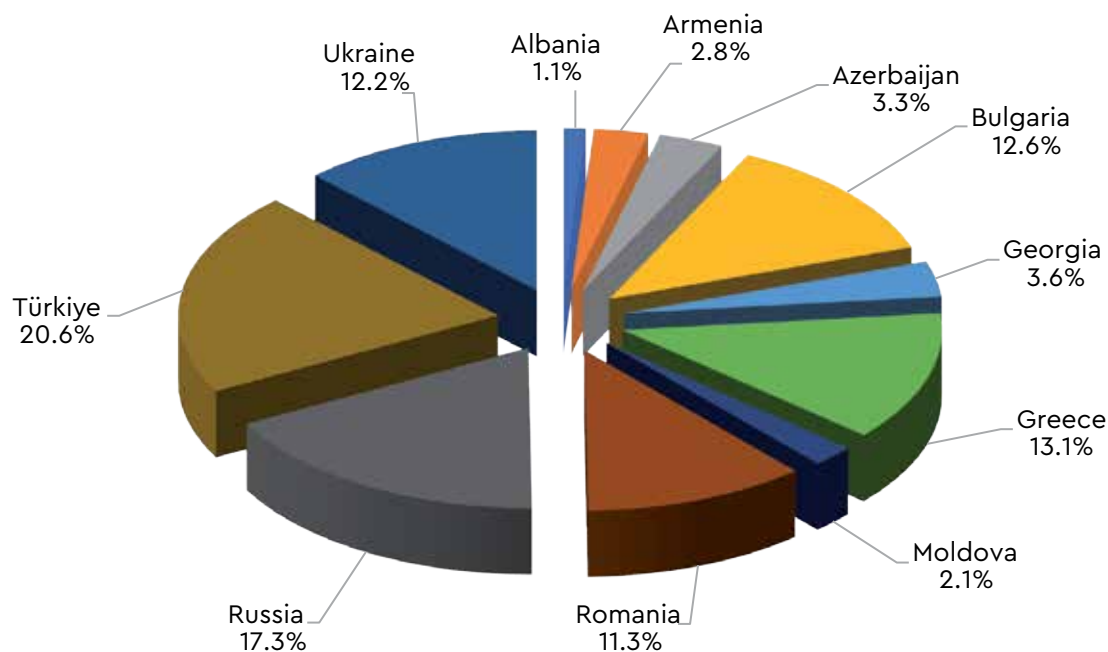
As of end-2022 the outstanding operations of the Bank (cumulative disbursements less repayments for active operations) represented EUR 2.069 billion, distributed by country as per the following graph:

Outstanding Operations by Country



Source: BSTDB

Active Signed Operations by Country



Source: BSTDB

2022 Portfolio Developments

In 2022 the Board of Directors approved 6 new operations for a total of EUR 70.7 million. Eight operations were signed for a total of EUR 120.9 million. As a result, the Bank had 116 outstanding operations to 99 clients at the end of 2022.

Portfolio structure by sector remained broadly in line with the Bank's historical trends. As in previous years, the most significant exposures were in utilities, industrials, financial institutions, materials, consumer staples and health care. The Bank's participation in regional equity funds represented a further 0.60% of the outstanding portfolio.

Enhanced effort was put into increasing the share of the real (i.e. non-financial) sector, which reached 84.4% of outstanding portfolio at year-end. The majority of the new approvals in 2022 went to the real sector. The sectorial structure was well diversified, with projects originating from various industries and economy sectors: energy, utilities, financing small and medium enterprises, leasing, trade finance.

Following February 2022 events, the Bank employees very careful approach to its liquidity solvency, capital adequacy and has slow down Operations. Actually, under current circumstances slowing down Operations is a positive development. The Bank is mindful of the situation and growth undercurrent circumstances would have been damaging for the Bank.

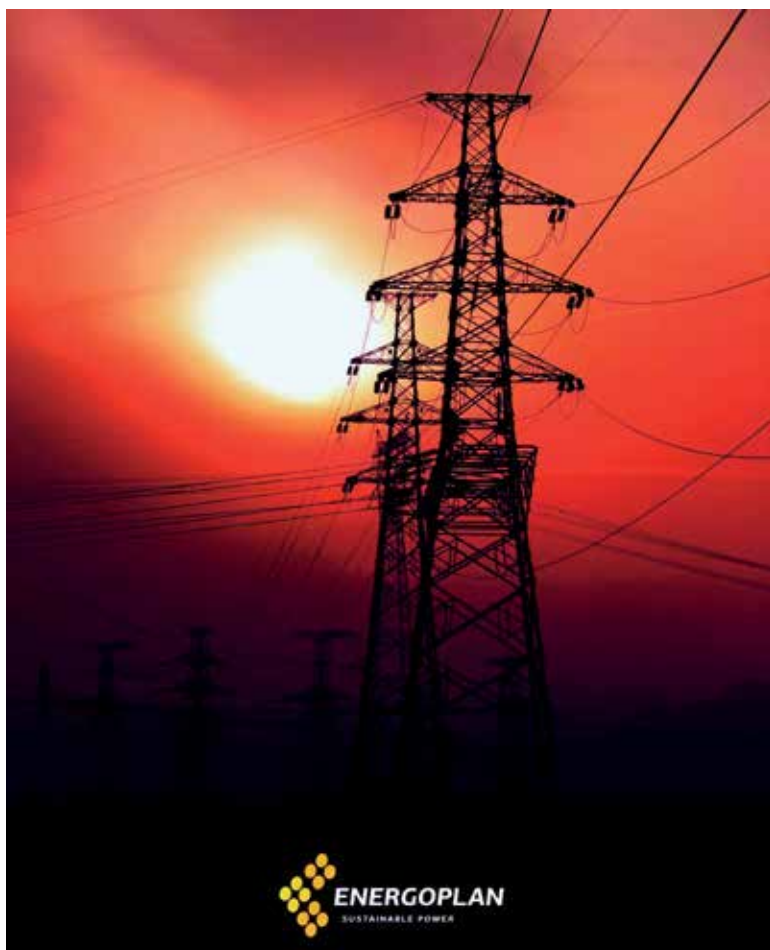
Co-Financing

The Bank values its cooperation with other financiers in mobilizing investment in the Black Sea Region and realizing cross-country operations. Such operations possess high shareholder value for the Bank and are therefore priority activities.

In the course of 2022, 77.8% of signed portfolio was co-financing. In terms of total signed active portfolio in the amount of EUR 3.0 billion, 51.8% of operations are co-financing. The share of co-financed active operations to total portfolio outstanding balance is 59.6%.

Selected BSTDB Financings in 2022

Energoplan URP (Greece)



The operation pertains to the collaboration between BSTDB and Energoplan S.A. for the issuance of a series of Unfunded Risk Participations (“URPs”)/Letters of Guarantee (“LGs”) in the name of Energoplan and of its wholly owned subsidiaries for the benefit of HEDNO (Hellenic Energy Distribution Network Operator, “DEDDIE”) and the IPTO (Independent Power Transmission Operator, “ADMIE”), as part of Energoplan’s overall application to IPTO or HEDNO for obtaining a Grid Connection Offer for a maximum amount of up to EUR 8.0 million (the “Project”).

Energoplan S.A. was founded in 2007, though being active in the Greek energy market in the form of a limited liability company since 2003. Energoplan’s development operations expand to a multitude of countries including Greece, Cyprus, Türkiye, United Kingdom, Bulgaria, Italy, Romania, United Arab Emirates and the wider Middle East.

The Project will have economic benefits for the local economy and will assist to the broader target of restoring economic growth through the creation of new jobs, expansion of the electricity transmission network, receipt of tax revenue gains and increased penetration of renewables in the country’s energy mix and infrastructure.

BSTDB amount	EUR 8 million
Type of financing	Guarantee
Maturity	The minimum of: i) 5 years; and ii) the time IPTO informs the Bank on the release of the LGs.

Energo-Pro (Bulgaria, Georgia)



In 2022 the Bank invested USD 45 million as an anchor investor in a bond issuance by Energo-Pro a.s., a leading independent hydropower plant operator and power distributor in the Black Sea Region. The bond issuance of USD 435 million is aimed to finance Group's capital needs.

BSTDB is backing up Energo-Pro's investment programme which envisages capital expenditures particularly in the rehabilitation and modernization of the electricity network in Bulgaria and Georgia for households and corporate clients, as well as connecting more clients to the electricity network. In addition, BSTDB will contribute to improving Energo-Pro's environmental and social performance by strengthening group's environmental and social management system and expanding it to more sites in Bulgaria, Türkiye and Georgia. This will be achieved by developing comprehensive Stockholder Engagement Plans, and by increasing the adaptability of its power generation to the impacts of the changing climate.

The 2022 BSTDB participation in Energo-Pro's bond issuance builds on a long-established relationship: the Bank has been providing continuous support to Energo-Pro Group, first as an anchor investor at Energo-Pro Bulgarian subsidiary level and later at Group level, as outlined below.

In 2016 BSTDB originally invested EUR 40 million in the debut, seven-year, EUR 130 million, privately placed bond issued by Energo-Pro Varna EAD, to support investments in Bulgaria's energy sector. This subscription was the first time when BSTDB acted as an anchor investor in a primary bond issue. The net proceeds of the bond were used by the issuer to finance the capital investment programme in the electricity distribution network in Bulgaria over the period of 2016-2023, as well as for repayment of its outstanding indebtedness. Company's investment programme included the acquisition of existing energy infrastructure and equipment, reconstruction and new investments in development. Also, this operation facilitated the development and liquidity of the Bulgarian Stock Exchange – Sofia, as the bond was the largest private bond for the Bulgarian market. The bond was placed in Central Europe, in Austria, and predominantly in South-Eastern Europe. BSTDB investment raised the level of comfort for commercial banks, pension funds, asset managers, corporate treasuries, thus helping the company mobilize additional resources.

The issuer is the sole license holder for distribution and end-supply (regulated) in North-East Bulgaria and one of the three energy distribution companies in Bulgaria. The Company is also a leading free market supplier (non-regulated) for the whole territory of Bulgaria. About 99% of the electricity generated by the Group is from hydropower. It is a subsidiary of Energo-Pro A.S., Czech Republic, a highly reputable integrated energy company with long history in private electricity distribution, power supply and generation of electricity from renewable energy sources.

Later, in 2017, BSTDB participated, again as an anchor investor, with EUR 42 million in the EUR 370 million debut Eurobond issue of the parent company, Energo-Pro a.s.. Among other uses, the Eurobonds refinanced the Bulgarian bond issued in 2016 by Energo-Pro Varna EAD, the Bulgarian subsidiary of Energo-Pro a.s.. The Bank supported the energy group to centralize and streamline its financing and get access to international funding.

The Group has 20 years of experience in the energy sector and develops its business in four major countries: the Czech Republic, Bulgaria, Türkiye and Georgia, of which three are BSTDB Member countries, thus highlighting a strong development and regional cooperation impact of BSTDB support to the Group. The BSTDB financing leads to improved quality of electricity supply, better service, and increased living standards of the people in the region. Energo-Pro a.s. operates 34 hydropower plants in Bulgaria, Georgia and Türkiye and a gas-fired thermal power plant in Georgia. In addition, the Group owns and operates electricity distribution networks in Bulgaria and Georgia, serving over 2 million customers. It is the largest energy company in Georgia and the largest privately owned generator of renewable energy in Bulgaria. The company employs over 9,000 people. Energo-pro a.s. is rated BB- by Fitch with stable outlook and B+ by S&P with positive outlook.

BSTDB amount	USD 45 million
Type of financing	Bond
Tenor	5 years

Lviv Hotel (Ukraine)



Lviv Hotel project envisages provision of long-term financing for the construction of a new four-star Novotel-branded hotel in Lviv, Ukraine. The financial close of this operation is expected in the second half of 2023.

The total project costs are estimated at EUR 14 million, out of which EUR 8 million will be financed by BSTDB. The Bank's loan has a maturity of 10 years and will support the project until a steady recovery of hotel market in Ukraine.

The Bank's participation in this project will support further development of Lviv's tourism potential, one of the key sectors of the regional economy, with broad positive effects for the development of the city. This project will promote BSTDB role as a financial institution focusing on long-term development of Ukraine through regional investments and support of sectors driving the local business.

BSTDB amount	EUR 8 million
Type of financing	Term loan
Tenor	10 years

Karadeniz Powership Syndication (Türkiye)



In 2022 BSTDB joined a syndicated loan facility for Karadeniz Powership Osman Kahn Ltd. The borrower is part of the Turkish conglomerate Karadeniz Holding which, together with its subsidiaries (Karadeniz Group), is one of the most innovative companies in the energy sector in Türkiye and internationally.

Karpowership, the international energy arm of Karadeniz Holding, is a pioneer and a market leader in providing electrical generation plants on water vessels (powerships). As of 2022 Karpowership owns and operates the world's largest floating power plant fleet of 36 powerships with installed capacity exceeding 6,000 MW and an active construction pipeline. Karpowership operates through its subsidiaries in 15 different countries, with over 10,000 jobs created. The operation of powerships improves environmental baseline, utilizing state-of-the-art technologies and delivering a tangible instrument of change for migration to cleaner fuels, embracing all international health and safety regulations and global best practices.

BSTDB amount	USD 42.75 million
Type of financing	Syndicated loan facility
Tenor	5 years

State Oil Company SOCAR (Azerbaijan)

In 2022 BSTDB joined a syndicated loan facility to State Oil Company of Azerbaijan Republic (“SOCAR”) provided to support company’s working capital and other operating needs. SOCAR is a vertically integrated oil and gas company in Azerbaijan, a flagship company and one of the key drivers of the national economy. Through this transaction the Bank further strengthened its long-term partnership with SOCAR which builds on successful track record of past cooperation with SOCAR directly, as well as with several of its subsidiaries in the region.

SOCAR is an important partner for BSTDB, promoting intraregional trade and cooperation in the Black Sea region through operations and presence in other BSTDB member countries, including Türkiye, Georgia, Romania, Ukraine, Bulgaria. The company is committed to the principles of sustainable development, reduction of dependence on fossil fuels, efficient and effective use of resources and waste management, enhanced environmental protection by applying modern technologies and solutions.

BSTDB amount	USD 4.2 million
Type of financing	Syndicated loan facility
Tenor	2 years

Turanbank (Azerbaijan)

Based on the long-established, fruitful cooperation with Turanbank, in 2022 the Bank extended a new revolving trade finance facility to Turanbank. The facility of USD 5 million will fund sub-loans to finance exports from Azerbaijan and imports to Azerbaijan from BSTDB member countries. This trade finance operation has a strong regional cooperation impact as it supports international trade within the Black Sea Region and beyond as well as improves access to finance for Azerbaijani businesses from various sectors involved in international trade.

Apart from its direct impact on trade facilitation, the facility has positive impact on the Azerbaijani economy as a whole, the most relevant being additional tax revenue gains from increased economic activity resulting from higher exports and imports, rise in employment, and multiplier effects on other sectors of the economy.

In addition, this facility represents an excellent mechanism for BSTDB to extend short-term funding to importers and exporters, including small and medium-sized enterprises in Azerbaijan, which otherwise cannot be directly financed by BSTDB. It is the fourth facility extended by BSTDB to Turanbank since 2011. The cooperation with Turanbank enables BSTDB to reach a larger number of companies in the country and contributes to the growth of intra-regional trade among BSEC countries.

BSTDB amount	USD 5 million
Type of financing	Revolving trade finance facility
Tenor	360 days

NOTE: All operations presented above were signed in 2022. In all cases, the term “BSTDB amount” refers to the total amount committed by BSTDB and not necessarily to the amount disbursed as of 31.12.2022.

Addressing Climate Change and Sustainability

General Approach

BSTDB addresses sustainability and climate change through the operations it finances and the principles it follows. These include primarily management of environmental and social issues, pollution prevention and mitigation, respect for fundamental human rights, labor and working conditions, tackling climate change, protection of the Black Sea against pollution, efficient use of natural resources and protection and conservation of biodiversity, disclosure of project-related environmental and social information, and engagement in open dialogue with stakeholders. Thus, the Bank closely considers these key principles in its financing decisions to ensure its operation are sustainable.

Addressing Climate Change

The vision and approach of BSTDB in addressing climate-related issues in its operations are stated in its Climate Change Strategy approved by the Board of Directors in 2021. It defines a more purposeful role for the Bank in supporting its shareholders to both mitigate and cope with the impacts of climate change and aligns its financing with the Member States climate priorities. The three strategic objectives in this respect are: 1) to gradually reduce net emissions in the portfolio by setting periodic emission targets aiming at achieving zero net emissions by 2050; 2) to gradually increase the share of its funding to climate positive operations and operations with climate co-benefits to at least 30 percent; and 3) to build capacity to better serve Member States public and private sector actors in mitigation and adaptation efforts.

In successfully meeting these objectives BSTDB is developing an implementation plan that systematically addresses climate issues at both strategic and operational level. GHG emission reduction is a crucial part of climate mitigation, and the Bank strongly supports such efforts. Renewable energy investments, energy and resource efficiency, sustainable infrastructure, green buildings and electric transport systems are among BSTDB's financing priorities. At the same time the Bank gradually phases out support for carbon-intensive sectors.

Raising additional capital and exploring new sources of finance are central to fulfilling the Bank's strategic objective of mobilizing more capital for climate financing. BSTDB seeks to build a solid portfolio of green operations thus building expertise as well as gaining credibility. This helps attract more capital, including through green and climate bonds following the prevailing standards, accessing grants and technical assistance for project preparation needs, and in the future contracting concessional loans from climate funds.

Building capacity is crucial to support and enhance mitigation and adaptation in both existing and new operations especially in such vulnerable sectors as construction and real estate, coastal infrastructure, agribusiness, mining, water-intensive sectors and utilities. These efforts are made possible by both updating the Bank's assessment frameworks to account for climate risks as well as strengthening the due diligence process to identify and manage more accurately the climate change impacts on its operations. Using tools like carbon accounting methods and disclosure of the carbon intensity of its portfolio helps track and measure progress towards achieving the Bank's strategic goal.

BSTDB seeks balance on the issue of coal, by adhering to international best practices and trends, while respecting the sector's importance to its shareholders. This means that financing is open for increasing sustainability, or re-purposing of current operations. Similarly, considering the low carbon nature of nuclear energy and the fact that many of the Bank's Member States see it as an effective way to achieve the emissions targets of the Paris Agreement, BSTDB under certain conditions, is prepared to finance such operations in cooperation with larger and more experienced MDBs. In doing so the Bank developed and embedded appropriate safety standards into its risk assessment framework, as well as comprehensive nuclear screening guidelines and due diligence requirements.

Managing Environmental and Social Issues

All operations supported by BSTDB undergo mandatory screening depending on the associated potential environmental and social risks and impacts, and the scope of the environmental and social due diligence necessary to identify, assess and mitigate these risks and impacts. The due diligence of operations financed directly by BSTDB, depending on relevance in each specific case, focuses on such issues as the environmental and social management applied by the Borrowers; labor and working conditions and how people are treated in the working environment; the applied pollution prevention and abatement measures and how efficient the resources are being used; potential risks on the local communities, their health, safety and security; issues related to land acquisition, involuntary resettlement and economic displacement; impacts on biodiversity, ecosystem services and sustainable use of living natural resources; protection of any cultural heritage; and potential risks and impacts on Indigenous Peoples if present in the area of influence of the operation.

The due diligence of operations financed by BSTDB through Financial Intermediaries (FIs) normally focuses on the capability of such FIs to manage the environmental and social risks and impacts associated with their business activity in a manner that is compliant with the requirements of the Bank's Environmental and Social Policy and the national legislation in effect, including the country's commitments under international law. If these are found to be satisfactory the Bank normally delegates the function and responsibility for environmental and social issues to its FI Borrower.

Category A operations are subject to Environmental and Social Impact Assessment (ESIA) process and require meaningful consultation with the public that may be affected by such operations. This includes setting of procedures for public notification, disclosure of related information about the operation before it may be considered by the BSTDB's Board of Directors, its potential environmental and social risks and impacts, public review and comment.

Environmental and Social Standards and Compliance Requirements

BSTDB applies good international environmental and social practices in all the operations it finances. By good practices, the Bank recognizes the performance standards and requirements of the leading Multilateral Development Banks (MDBs), development Agencies, the European Union (EU) E&S standards, the ILO CLS, the World Health Organization (WHO) standards, relevant IMO conventions, as well as relevant international conventions, such as Convention on the Protection of the Black Sea Against Pollution, and the multilateral environmental agreements under the United Nations Economic Commission for Europe (UNECE), in particular the Convention on Access to Information, Public Participation in Decision-Making and Access to Justice in Environmental Matters (Aarhus Convention), and Convention on Environmental Impact Assessment in a Trans-boundary Context (Espoo Convention).

The operations considered by BSTDB need to comply with the following minimal environmental and social requirements: 1) National and applicable EU environmental, labor, health and safety, and public information laws and regulations, including national commitments under international law; 2) Availability of permits, approvals, licenses and certificates required under relevant laws and regulations; 3) Category A operations need to meet the requirements applied by EU, namely the Environmental Impact Assessment (EIA) Directive and relevant sector-specific and cross-cutting Directives, or the requirements applied by the World Bank Group. Category A operations that are likely to generate trans-boundary impacts need to meet the requirements stipulated under the Espoo and Aarhus Conventions irrespective whether the country of operation is a party to the Convention; and 4) Meet the requirements of the BSTDB Environmental and Social Exclusion List.

Disclosure of Environmental and Social Information

As an integral part of BSTDB's sustainability approach the Bank informs the public in a transparent and timely manner about the environmental and social aspects of its operations. This information is posted on the Bank's website as Operation Summary Documents (OSDs) and includes general information about the operation financed, as well as information on environmental and social screening, the potential risks and impacts, and how these will be addressed. OSDs are disclosed to the public after such operations are approved by the Bank's Board of Directors.

Category A operations are disclosed to the general and/or interested public before these are presented to BSTDB's Board of Directors for consideration. The operations in the private sector are disclosed not later than 30 calendar days before the Board of Directors meeting, and the operations in the public sector at minimum 60 calendar days before considered for approval. The environmental and social information related to Category A operations is disclosed on the Bank's website and is open for public comments.

Monitoring and Institutional Aspects

All the operations financed by the Bank are monitored against the agreed environmental and social compliance requirements in order to ensure that relevant terms and conditions stipulated in the legal agreement are met. In addition to that, monitoring helps the Bank to determine whether the prevention and mitigation measures employed in managing the environmental and social risks and impacts are effective or need adjustments.

All aspects of environmental and social sustainability of the Bank are led by the Environmental and Social Sustainability Department, which is in charge for developing and implementing relevant strategic objectives, policy statements, and internal procedures; it leads the independent environmental and social due diligence process of operations; and advises the Senior Management on the relevant risks and impacts of the financing decision-making, and the general E&S performance of the Bank; thus, ensuring the Bank's activities do not affect the state of environment and human well-being, and contributing to a more efficient fulfillment of the Bank's development mandate.

International Cooperation

BSTDB cooperates closely with partner multilateral and bilateral financial institutions, businesses, civil society, and general public. At the European level BSTDB is actively involved in the European Development Finance Institutions (EDFIs) Working Group on Environmental and Social Issues. This is a high-level forum that brings together all the European Bilateral Financial Institutions in joining efforts to harmonize their environmental and social practices and achieve higher development effectiveness of their financing.

At the global level the Bank partners with its peers as part of the Multilateral Financial Institutions (MFI) Working Group on Environmental and Social Standards (WGESS). The Group is another high-level forum represented by the key environmental and social representatives of MFIs and development agencies around the world, which aims to deeper harmonize the environmental and social sustainability practices by sharing experiences and developing common approaches and partnerships.

Annual Evaluation Overview

1. Scope, standards, and methodology

According to the BSTDB's Evaluation Policy, the Office of Independent Evaluation of the Bank presents this annual evaluation overview to highlight key findings and trends from the conducted ex-post-evaluations, since the commencement of the Bank's operations in 2000.

This overview and referenced evaluation products ensure accountability and quality management improvement of the Bank's performance, based on a rigorous, internationally harmonized independent evaluation of the BSTDB operations. Each annual evaluation overview is presented to the Management, the Board of Directors and the Board of Governors to highlight key findings in operational and institutional performance.

The evaluation overviews aggregate and compare the findings of the independent evaluations on an annual cumulative basis. They focus on the degree of mandate and strategy fulfilment as well as important trends and causal links. These reports do not contain commercially sensitive / operation-specific information and, therefore, represent the main vehicle for broader disclosure and accountability on the Bank's performance, inter alia within a dedication section of the Bank's Annual Report.

The current annual evaluation overview presents a synthesis of the findings of the evaluation of the implementation of the Bank's Medium-Term Strategy and Business Plan 2019-2022 (MTSBP). This evaluation was conducted to ensure both accountability and learning from past performance, to support an informed and more resilient further strategy, based on evidence and lessons learned. The evaluation distills and analyzes lessons learned through the implementation of Strategy 2019-2022, reflecting the existing and emerging development challenges of the Bank's shareholders, as well as the key findings of all evaluation overviews performed in the last 4 years.

The BSTDB Evaluation Policy commits the independent evaluation to Good Practice Standards on Evaluation, as maintained by the Evaluation Cooperation Group (ECG) of the Multilateral development Banks (MDBs). These standards, inter alia, ensure the organizational and behavioural independence of the evaluation function, safeguarding the important accountability role of the evaluation to the Boards of Directors/Governors. The Independent Evaluation Office officially became a member of ECG in 2014, following years of pro-active role in enhancing and applying the respective MDB-specific evaluation standards, as well as a comprehensive peer review by the ECG on the evaluation methodology, rigor and credibility.

The MDB-harmonized evaluation methodology uses 4 ratings (scores) for ranking performance of operations, 2 positive and 2 negative: Excellent, Satisfactory, Partially Unsatisfactory, Unsatisfactory. These ratings apply to each of the 5 evaluation criteria:

RELEVANCE: Consistency of operation objectives with the BSTDB mandate;

EFFECTIVENESS: Extent to which objectives are achieved;

EFFICIENCY: Extent to which benefits are commensurate with inputs;

SUSTAINABILITY: Likelihood that results will be maintained;

INSTITUTIONAL IMPACT: Covers improvements in norms and practices.

The ratings on those 5 criteria form the overall rating, a single measure of mandate-centered operation's performance.

2. Implementation of key targets of the 2019-2022 strategy

A central strategy goal was to achieve a 12% average annual growth of the outstanding portfolio. The evaluation considers this very ambitious and unprecedented for BSTDB which maintained a conservative and balanced growth in all previous strategy periods (the evaluation of the strategy 2015-2018 revealed that even the targeted 7.5% was challenging as it set a quantitative focus that implied various quality and sustainability concerns). The 12% annual growth is substantially higher than previously sustained growth rates (since 2009, the Bank's average targeted and actual growth was mostly in the 6-9% range) and therefore inherently implied a strong quantitative focus and increase in project size, inter alia.

Already within the first year (2019) BSTDB exceeded its annual base case targets for new operations and delivered a rapid growth of 36% of its outstanding portfolio, followed by 12%, 15% and (-13%) in next 3 years. Clearly, the negative impact of the Russia-Ukraine war is very substantial and offsets the achievements prior 2022 not only in terms of volume (almost 13% decline) but also in multiple aspects of quality (non-performing loans exceeded 14% while sustainability of development impact of evaluated operations deteriorated within 2022 from over 60% to 48% (Table 2).

Table 1 below outlines the key strategy targets and the respective independent evaluation on their achievement while the respective evaluation conclusions are presented further on.

Table 1: Evaluation of the external strategic goals (2019-2022)

Strategy Goal	Rationale	Metrics	Evaluation Findings
At a minimum to maintain the current credit ratings from Moody's (A2 Stable) and Standard & Poor's (A-/A-2 Positive) and more ambitiously - an upgrade of one notch.	Substantially reduce the cost of borrowed funds, relative to borrowing costs of any of the Bank's Member States	Credit Ratings assigned by Moody's and S&P	<p>31 Dec 2022: Moody's: Baa1/P-2, S&P: 'A-/A-2</p> <p>BSTDB obtained long-term credit ratings of "A2" from Moody's and "A-" from Standard & Poor's. On the 25th of Nov 2021, S&P upgraded BSTDB's rating to "A" as the approved capital increase decision illustrated shareholders' support of the Bank's mandate, enhancing a resilient and strong financial risk profile. BSTDB had weathered the financial repercussions of the pandemic with only a mild impact on asset quality. Unfortunately, the Bank attained the rating increase only for a couple of months as in early 2022 S&P downgraded BSTDB back to "A-" right after and due to Russia's military actions in Ukraine, reflecting anticipated and actual erosion of the quality of the loan portfolio and respective impact on the capital adequacy position since 30% of loans were extended to borrowers in Russia and Ukraine. Moody's also downgraded BSTDB's long-term issuer rating to Baa1 from A2 with the same rationale. While the evaluation acknowledged a temporary achievement of this goal, it renders a negative score as the final outcome, caused by the portfolio quality distress as a result of the war, is a rating downgrade with long-term implications.</p> <p>Evaluation score: Partly Unsatisfactory</p>
Attract an AAA rated shareholder (major IFI) and/or other BSEC countries that are not yet shareholder	Strong presence in the capital market	AAA rated new shareholder; New shareholder from BSEC	<p>The Bank interacted with various partnering IFIs and deepened respective cooperation, but this did not result in an extended membership. The evaluation acknowledges the effort towards this goal which remained beyond the Bank's outreach. Unfortunately, the initiatives for Serbia's membership in the Bank have been inconclusive for many years.</p> <p>Evaluation score: Unsatisfactory</p>
Portfolio growth (to €2.137 billion outstanding and €2.3 - €2.4 billion signed operations by end 2022)	Balanced growth: increase the outstanding portfolio to €2.4bn by end 2020 and to €2.55bn by end 2022	The total amount at end of 2022	<p>BSTDB had a very ambitious growth target of 12% p.a. on average, as addressed further. It made an immediate rapid (as opposed to the "balanced" intention) growth of 36% already within 2019, followed by 12% and 15% in 2020 and 2021 respectively, thus achieving the target within the end of 2021. The economic repercussions of the COVID-19 pandemic have had a limited financial impact on the Bank's portfolio. BSTDB demonstrated a consistent commitment to its rapid expansion agenda, despite a temporary slowdown in disbursements in 2020 after a conservative lending approach was adopted during the pandemic. In 2022, the Bank had to substantially restrict its lending (reduction of 13% in outstanding portfolio) to safeguard liquidity and mitigate portfolio quality erosion due to the sudden economic and financial stress caused by the Russia-Ukraine war and the respectively restricted access to funding. Subsequently, the initial growth was not sustained and the 2022 target of €2.55 bn was not met as the actual outstanding amount reached €2.070 Billion, at the end of 2022.</p> <p>Evaluation Score: Partly Unsatisfactory</p>

Average annual portfolio growth of around 12%	As above	% of total outstanding portfolio	<p>The dynamics and causes reflected above apply hereby as well. Average portfolio growth rate per signed operations per year as follows: 2019: 36.29%; 2020:11.77%; 2021: 14.55%, 2022: (-12.66)</p> <p>Evaluation Score: Partly Satisfactory</p>
Balance sheet size of about €2.3 billion at end 2022. Revised at mid-term to €2.8 - €3.0 billion	Stronger market position, in line with high growth targets	As above	<p>The financial balance sheet reflected the dynamics and causes reflected above, in line with the evaluated portfolio growth. The respective figures for the end of 2021 and 2022 are respectively €3,235.1 million and €2,950 million (including USD/EUR exchange rate fluctuations effects).</p> <p>Evaluation Score: Satisfactory</p>
Sign new operations ranging from €300 million in 2019 to €560 million in 2022	Economy of scale; growth	Total amount p.a.	<p>In the first year (2019), the Bank has overachieved the targeted amount. The momentum was slowed down by Covid-19. Nevertheless, in 2021, BSTDB managed to get the figures to the same level as the first year of the strategy. The drop in 2022's figures is entirely due to the war between Russia and Ukraine, as noted above (the Bank tented to a self-protecting approach for its liquidity and financial ratios). 2019: €842.8M, 2020: €624M; 2021: €820.7M; 2022: €120.9M.</p> <p>Evaluation Score: Satisfactory</p>
Share of public sector in the total outstanding active portfolio - up to 35%	Balanced growth and diversity	Up to 35% at end of 2022	<p>The share of the public sector in the total outstanding active portfolio at year-end-2022 reached 24.8%, which indicates the Bank did not finance as many public operations as planned. Looking at the other year-end shares (2019: 27.2%, 2020: 28.6%, 2021: 26%), even without the effects of Covid-19 and the war, the results consistently remain below the target of 35% of the total portfolio. Several recent evaluation studies attribute this shortcoming to the inherently low relative competitiveness of BSTDB vis-à-vis AAA-rated MDBs who offer large-size loans to the public sector at very attractive terms.</p> <p>Evaluation Score: Unsatisfactory</p>
Increase the share of sovereign public sector operations to 25%	Increase pricing flexibility and guarantee	% of the total outstanding portfolio	<p>The share of the sovereign or sovereign guaranteed operations in the total outstanding portfolio in 2022 is 16.45%. Looking at the other year-end figures (2019: 19.13%, 2020: 17.15%; 2021: 15.03%), even without the effects of Covid-19 or the war, the actual share falls consistently short of the intended target 25% of the total portfolio. The main cause for the shortfall is the inherent low relative competitiveness, as noted above.</p> <p>Evaluation Score: Unsatisfactory</p>
Private sector lending of 65-70% of the total outstanding active portfolio	Balanced growth	% of the total outstanding portfolio at end of 2022	<p>The share of the private sector in the total outstanding active portfolio in 2022 is 75.2%. Likewise, the year-end figures are within the target (2019: 72.8%, 2020: 9%, 2021: 73.93%). The key reason for the relatively high share is the inability to increase the public sector share, as addressed above.</p> <p>Evaluation Score: Satisfactory</p>

Increase average number/amount of newly signed operations per banking team from about 4/€86 million in 2018 to 5/€112 million in 2022	Balancing workload and efficiency (upscaling)	Average Number of Operations and amount per team	<p>2019: 5.2, 2020: 4, 2021: 6.4, 2022: 1.8 operations per banking team; 2019: €168.6M, 2020: €122.1M, 2021: €164.1M, 2022: €22M per banking team. These figures reflect the rapid portfolio growth in 2019, as well as a slowdown during the first year of the pandemic. During 2022, the war caused a major interruption of new operations, as addressed above, resulting in very low level of efficiency.</p> <p>Evaluation score: Partly Satisfactory</p>
New operations will continue to increase in size on average to around €22m	Portfolio growth, efficiency	Amount of average size	<p>2019: €32.4M; 2020: €31.2M; 2021: €25.6M, 2022: €15.1M. Again, the Covid outbreak had a slight effect on the portfolio mainly due to the imposed restrictions. After the Russian-Ukrainian war, uncertainty in the market and the downgrading of credit ratings, the Bank had to adopt restraints in investing and focus on liquidity.</p> <p>Evaluation Score: Satisfactory</p>
Increasing the average tenor for non-financial projects to 4.5 years	increase efficiency, revenues, and reduce cost of holding expensive liquidity	Number of years	<p>The average tenor of Bank projects stood at approximately 3.5 years at end 2018. During the strategy period real sector (including real estate) average tenor is 3.85 years. (2019: 4.25 years, 2020: 3.92 years, 2021: 3.86 years; 2022: 3.37 years.). BSTDB inherently maintained relatively short tenors due to its orientation to corporate finance as opposed to project finance profile.</p> <p>Evaluation Score: Unsatisfactory</p>
Increase total borrowings to around €1.5 billion (revised to 2bn) by end 2022.	As per base case scenario - mobilizes its resources through its borrowing programme	Amount of total borrowing	<p>Since all but €100 million of the existing end 2018 borrowings mature during the four year period, this implies new borrowings of around €1.4 billion. Although the Bank increased total borrowings to the targeted levels and it was very close to even go beyond, after the war and its impact on the BSTDB rating, this amount has dropped. The total borrowings at the end of 2022 reached 1,96M (unaudited).</p> <p>Evaluation Score: Satisfactory</p>
Consequent to the borrowing goal, achieve a ratio of about 1:2 (revised to 1:2.5) of own capital to borrowed funds	As the Bank's cost of borrowing is higher relative to other IFIs. Finance long term high value projects with strong development impact.	Ratio of own capital to borrowed funds	<p>The ratio is an indicator of mobilization and is symbolically significant in the mandate fulfilment context. The ratio of own capital to borrowed funds is roughly 1:3. (The ratio of own capital to borrowed funds: 35.92%)</p> <p>Evaluation Score: Satisfactory</p>
Prior to maturity in 2021, consider liability management (in 2020) whereby BSTDB buys back the outstanding bond and issue a new five-year USD bond.	Even without buy-back consider issuance in 2020. Maintain liquidity, facilitate lending, sound balance sheets	liability management exercise	<p>A benchmark 5-year 400 Mn USD bond was executed in 2019. In 2020, Treasury completed a liability management exercise as per MTSBP where a piece of the 2021 maturing bond was bought back from investors and an additional ticket of 150mn USD was added to the 2024 notes. No other new benchmark USD bond was printed in 2020.</p> <p>Evaluation Score: Satisfactory</p>

The aggregate average lending margin at the end 2022 to remain above 3.50% (expected to further fall to 3%)	Focus on a more specific pricing for each asset class; Pricing advantage in the market	Percentage	The aggregate average lending margin at the end of 2022 is 3.49%. (2019: 3.52, 2020: 3.52, 2021: 3.36 2022 – 3.55.) Evaluation Score: Satisfactory
Keep Non-Performing Loans (NPLs) within 3% of total portfolio by work-outs, tailored strategies, restructuring, sale of assets, and/ or write-offs	protect the financial stability and lending ability	Percentage of total portfolio	During the 4-year strategy, the Bank kept the NPL ratio within 3% of the total portfolio only in 2019. In 2020 and 2021 ratios are moderately above the targeted level. In 2022, the impact of the Russian-Ukrainian war caused NPL ratios to suddenly exceed the limit substantially as many of the loans in the two countries were promptly assigned as Stage 3 as per IFRS-9. ¹⁰ Evaluation Score: Unsatisfactory

Notes: Some financial figures are not yet audited; some financial figures on portfolio dynamics imply USD-EUR Exchange rate conversions

3. Evaluation conclusions and lessons learned

The evaluation concluded that the Bank implemented the main goals of its 2019-2022 Strategy only with partial success (7 of 17 evaluation ratings are rendered negative) due to unexpected high-impact events. During the four-year period, two important events took place that had an impact all over the world and caused the Bank's operations to be disrupted. One is the Covid-19 pandemic and the other is the war between Russia and Ukraine in 2022. As can be seen in Table 1, the effects of Covid-19 and the strict quarantine rules applied by the states, including the closing of the borders, adversely affected the loans within the Black Sea region. However, it is evident that the negative effects were rather contained and appropriately mitigated and a subsequent recovery took place already in 2021 when portfolio data improved compared to 2020. Unfortunately, as the evaluation of 2022 figures reveals, the war between Russia and Ukraine had a much more severe effect than Covid-19, as it suddenly affected the Bank's portfolio and called for an immediate effort to conserve cash and recover loans that account for about 30% of the portfolio (mostly in Russia and Ukraine). Consequently, the Bank had to limit its operations substantially, downsize its portfolio and adopt protective measures with a more conservative approach in order to shift from initial rapid growth to addressing portfolio deterioration and respective liquidity constraints.

At the starting year of the strategy, 2019, the Bank grew its portfolio of outstanding operations very rapidly by an unprecedented 36.3%, in contrast to the projected average annual growth of 12% and actual growth rates in earlier periods. This called for a review and an update to the strategy plan was published in 2019, revising some of the original goals for the remaining three years. The evaluation reveals that exceeding the already high growth targets has shifted the focus on quantitative aspects and respective portfolio handling, as opposed to the intended "balanced" growth and mandate fulfilment.

As Table 1 illustrates, in 2022 many key strategic goals were not attained due to the disruptive impact of the war in the region. The evaluation acknowledged that the Bank responded swiftly to address the issue of sudden deterioration in the share of the portfolio in Russia and Ukraine, undertaking various measures towards the disposal of the company loans falling under sanctions, demonstrating ongoing efforts to bring loan performance to more manageable levels.

While the Bank consistently paid attention to the target of a 35% share of public sector operations, it came short of reaching it, as it happened in earlier strategies when this target was just 20%. Hence, the evaluation has to raise again the issue of feasibility and competitiveness, addressed in several evaluation studies so far. The two underlying reasons for this shortcoming are (i) the insufficient price competitiveness relative to AAA-rated MDBs who offer public sector lending at flat low rates, as well as (ii) the limited experience and capacity of the Bank to structure deals in the public and quasi-sovereign domain.

¹⁰ The Independent Evaluation Office did not assess NPL ratios as such because in the reviewed period BSTDB applied IFRS-9 financial reporting that does not use the term NPL. The evaluation assessment regarding this KPI was therefore based on review of the respective Stage-3 data which includes NPL and loan impairment combined. The term NPL is no longer an integral part of the accounting standard governing provisions.

By increasing the average size of operations, the Bank was able to temporarily increase targeted efficiency, but the respective concentration also contributed to the issue of loan performance in terms of quality and viability. This reflects the revealed focus on volumes and approvals that in turn caused concern regarding quality and development mandate, challenging the development profile of the institution.

The strategy addressed portfolio quality, inter alia, through a single key performance indicator. It states that the positively rated operations upon independent ex-post evaluation should be at least 70% at any given year. As this is a complex composite indicator, involving measurement time-lags (5-year moving average, reflecting operations maturity dynamics), its actual value will be measured and presented during the next strategy period. However, the data from the last 4 years indicate a stagnating and even deteriorating development performance of the new additions to the portfolio.

Table 2: Independent ex-post evaluation ratings of completed operations

Criterion / Period	Before/After		Comment / Recommendation
Positive ex-post ratings	End-2018	End-2022	
Relevance	70%	68%	Trendsetting ex-ante forward indicator, at margins, revisit
Effectiveness	73%	73%	Adequate, but modest ex-ante targets
Efficiency	56%	52%	Scale-driven, capital-cost constrained, dropped rapidly in 2022
Sustainability	60%	48%	Constrained by focus on volumes
Institutional Development Impact	51%	47%	As above, high potential
Overall (MTSBP target: 70% or more)	70%	64%	First time well below target, relevance-sensitive
Ex-ante/ex-post alignment (evaluations)	67%	66%	Further ex-ante / monitoring rigor/incentives needed

While overall performance in terms of mandate fulfilment decreased over the years, the share of operations rated excellent at ex-post has also declined from 17% in earlier periods to 4% during the last 4 years. This merits attention as highly successful operations are a benchmarking source of valuable learning, motivation and replication. The diminishing cases of excellently rated operations reflect a combination of unrealistic expectations (ex-ante mandate compliance optimism driven by efforts to obtain approval) and lower actual achievement. There are several cases which imply that a closer alignment of operations with country analysis/strategies tends to deliver a higher number of outstanding performances, both at operational and institutional planes.

The two most frequent key causes of mandate-related underperformance are: (i) risks identified at due diligence that were not covered by adequate covenants and/or monitoring; (ii) mitigating the risk of poor corporate governance is very challenging, particularly when not done at the outset of operation handling. Contrary to certain prejudice, development performance is positively co-related (79%) to general portfolio quality and financial outcomes.

There are recent examples when the Bank enhanced its relevance and risk sharing by an effort to become more responsive to clients, e.g. by the increase in local currency finance that turned particularly valuable to non-exporting borrowers, as their currency risk exposure was better mitigated. While this is acknowledged, the evaluation notes its limitations, based on the risk absorption and fund-raising constraints.

Along with the outlined external strategic goals in Table 1, the Bank pursued a number of supportive internal goals, with a broader level of relative success. For example, it made substantive progress in establishing sound IT digitizing tools and processes. While some of them were triggered by the requirements of working remotely to address the pandemic challenges and were implemented in due course, the implementation of others continues beyond 2022. On the negative side - the establishment of some new functions and teams, reflecting intended organizational enhancements geared towards the strategic needs, has been interrupted right after the decision to shrink the portfolio, in early 2022.

Given the magnitude of external factors that abruptly affected the Bank's operations, as well as the attainment of strategic goals deemed to be reached already at mid-term, the key question to be addressed in the future is the feasibility of outlining and implementing a relevant strategy with ensuring a higher degree of resilience. The evaluation acknowledges the effort to anticipate certain external disturbances within the context of lower-case scenarios envisaged by the strategy. However, it is evident that the experienced external shocks and disruptions within the region were well beyond the scope of any of the worst-case assumptions used by the Bank within this, as well as earlier, strategies.

Institutional Activities

Human Resources

Human capital and staff resources are a key factor in the success of the BSTDB. The institution strives to maintain its status as a competitive employer following international standards and best practices, applying meritocratic recruitment, and a remuneration system that promotes excellence and positive incentives.

HR Development

The year 2022 was marked by the improvement of certain important HR policies. More specifically, important modifications were made to the Bank's Rules for Work and Leave, and the Organizational Structure Policy; a modification of the Performance Management Policy was initiated; transfer of HR personnel management and leave administration functions to the SuccessFactors platform was finalized.

Following is a more detailed description of each of these achievements:

The modifications to the Bank's Rules for Work and Leave were aimed at additional flexibility and unification of approach towards the administration of different types of leave, annual and special, provided by the Bank, at no additional financial cost. The Bank also tested out different teleworking arrangements that were intended to provide for flexibility and autonomy in organizing work, allowing Bank's employees to maintain the timely and efficient performance of their duties, while making gains in work-life balance.

The implementation process for the Bank's new Organizational Structure Policy, which concerned the existing Departments as well as the newly created units, was completed in the early months of 2022.

The earlier implemented revision of the Bank's Performance Management System provided meaningful and precise tools for the evaluation of the Institutional and Departmental performance, through monitoring, measuring and evaluating the achievement of strategic goals and operational targets, with a view to fulfilling the Bank's mission and mandate. The initiated additional modification is intended to introduce a system providing for a fair and transparent evaluation of individual performance, which would be factored in the distribution of individual bonuses within the limits of the Departmental bonus pools.

In 2022, the Bank continued transferring important HR functions to the SuccessFactors platform. Thus, the transfer of the personnel management and leave administration functions was finalized.

Staffing and Recruitment

The BSTDB conducts recruitment on a wide geographical basis. While preference is given to citizens of the member countries, recruitment is competitive and is based on the professional qualifications of the candidates. In the course of 2022, the Bank managed to finalize recruitments for 3 positions- with the Bank's total headcount, as at 31.12.22, reaching 117 full-time employees.

Staff Development

The BSTDB offers learning opportunities, addressing the development needs of its staff within the context of organizational business requirements. The Policy on Training, Learning and Development establishes a clear link between the institution's business needs and the development of professional and technical skills of the staff. In 2022, the emphasis was placed on in-house group trainings, which specifically covered the subjects of information security; BSTDB KYC procedures updates and key issues; hedge accounting under IFRS9 and IFRS7, and updates to International Financial Reporting; SAP Concur; SAP S4HANA; interest rate derivatives and swaps.

Staff Benefit System

BSTDB operates a market-oriented staff compensation and benefits system designed to match the employment standards of other International Financial Institutions.

The BSTDB medical, life and temporary incapacity/long-term disability insurance plan provides adequate coverage emphasizing preventive medical care. The BSTDB also offers optional post-separation medical coverage.

The BSTDB pension plan, launched in January 2003, is comprised of a fully funded defined benefit, and a defined contribution component funded through voluntary employees' and Bank's equal contributions. This combination offers the flexibility required for best meeting the needs of a multi-national work force.

Information Technologies

Following up on the Medium-Term Strategy and Business Plan (MTSBP) for 2019-2022 and the decision taken in 2021 by the Executive Management to migrate core business functions and systems to cloud-based applications, 2022 saw a major transformation of the Bank's IT systems, mainly through deployment of cloud-based SAP applications to meet current and future business objectives.

The SAP ECC environment was migrated to SAP S/4HANA on RISE, cloud version, deploying the FIORI user experience to all users and capitalizing on new features that the new system provides while providing a platform for future improvements and business automations.

SAP SuccessFactors was deployed for better management of Human Resources, providing a new user experience to the Bank employees, starting first with the Employees Central core module and allowing expansion in the future to automate more HR business functions using additional SuccessFactors modules.

The SAP Concur travel module was implemented to automate further the process of business travel and better manage the processing of travel expenses, enhancing the transparency of the use of the travel budget and the approval of expenses. It also provided employees with the ability to better plan, capture, submit, and monitor their travel requests and expenses.

The Bank also deployed the SAP Analytics Cloud (SAC) application, initially to produce its operations reports, providing insight to its operations for better decision making. Capitalizing on the SAC application, the Bank also commenced implementation of its new Budget, Planning and Forecasting application, automating a number of its budgeting processes and allowing better implementation and monitoring of the execution of its strategic planning, budget plans and business objectives.

The Bank has proceeded with implementing the SAP Identity Authentication Services (IAS) application, integrating it with the Microsoft Azure cloud, providing all Bank employees with a Single Sign On (SSO) capability for all SAP applications, enhancing the user access security.

A new cloud-based payroll application implementation was also started and will be completed in early 2023, where it will be integrated with the above SAP cloud-based applications to automate the payroll management process.

In addition, the Bank has enhanced its Enterprise Information Management (EIM) system based on OpenText Extended ECM for SAP (xECM for SAP), by updating it to a new version to be integrated with the above SAP Cloud applications. The integration of the xECM for SAP with the SAP S/4HANA was first established in order to synchronize the Bank's Operations data with the operations workspaces in xECM for SAP. Followed by records classifications to a number of official business documents (electronic and physical ones) to better manage their retention and disposition processes, enhancing the data protection of sensitive personnel information.

The Bank also implemented the OpenText Extended ECM for SuccessFactors (XECM for SF) and it integrated it with the SAP SuccessFactors application, by capturing a number of employees records in each employee's workspace in xECM for SF, allowing the HR staff and the employees to manage key HR records electronically and to be compliant with the HR policies.

During 2022, the IT Department has enhanced its information security by deploying a number of security tools and creating and updating a number of information security policies, including an online training and awareness programme in coordination with HR, to enhance staff capabilities to identify possible security risks.

During mid-2022, the contents of the HQ Archive room were relocated and restructured in a more space efficient manner, allowing the Bank to make considerable savings on space use.

External Relations and Communications

The outreach activities aim to support BSTDB's strategy and the achievement of corporate objectives by promoting institutional cooperation and targeted awareness of the Bank in the Black Sea Region and the international development community. In 2022, the Bank's external relations activities focused on strengthening cooperation with development partners active in the Black Sea Region.

Boosting Regional Cooperation

Enhanced cooperation with the Organization of the Black Sea Economic Cooperation (BSEC), the Parliamentary Assembly of BSEC (PABSEC) and the International Center for Black Sea Studies (ICBSS) remained an important priority. The Bank maintained its regular involvement in the activities of BSEC Senior Officials Meetings and of the Meeting of the Ministers of Foreign Affairs. The Bank actively participated in the 12th International Black Sea Symposium celebrating "30 Years of Black Sea Economic Cooperation", hosted by ICBSS in Athens.

On the occasion of the 2022 Annual Meeting in Baku, the Bank hosted a Business Forum, titled "BSTDB Role in Supporting a Diversified and Innovative Azerbaijani Economy in a Changing World". The Forum, honoured by the participation of key Government officials and policy makers aimed at elaborating policy recommendations on the country's economic diversification. Bilateral business meetings organized during the Business Forum allowed business leaders to discuss with BSTDB and other participating IFIs investment opportunities in Azerbaijan and the wider Black Sea region.

Multilateral Cooperation with the Development Community

BSTDB continued to actively participate in multilateral consultations and knowledge-sharing fora.

The WB/IMF Annual Meetings, the first to be held in person after the COVID-19 pandemic, provided an excellent opportunity for the Bank's new President to engage in discussions with peer other IFIs and other multilaterals with the aim to increase development effectiveness in the Black Sea Region.

In 2022, the Bank hosted the International Financial Institutions' Private Sector Integrity (PSI) Meeting. The event, attended by 15 IFIs, was highly productive and engaging allowing for the discussion of a number of issues regarding compliance, integrity and transparency.

On the occasion of COP 27 in November 2022, BSTDB joined a group of 14 IFIs in a unique collaborative effort on social media to promote a specially produced video showcasing how IFIs and Development Banks can work together to combat climate change. Also, in November 2022, the Bank participated in the regular Annual Meeting of IDFC, a group of national and sub-regional development banks from around the globe. The Meeting discussed global issues and current challenges, including climate finance, the post-2020 global biodiversity framework, gender finance and SDGs alignment.

As in previous years, BSTDB continued to contribute to the established regular IFIs consultation mechanisms, resuming in-person meetings after the lockdowns, on Human Resources, Portfolio Management and Corporate Recovery, the Working Groups of IFIs Secretaries and of Coordinators of the Annual Meetings of IFIs.

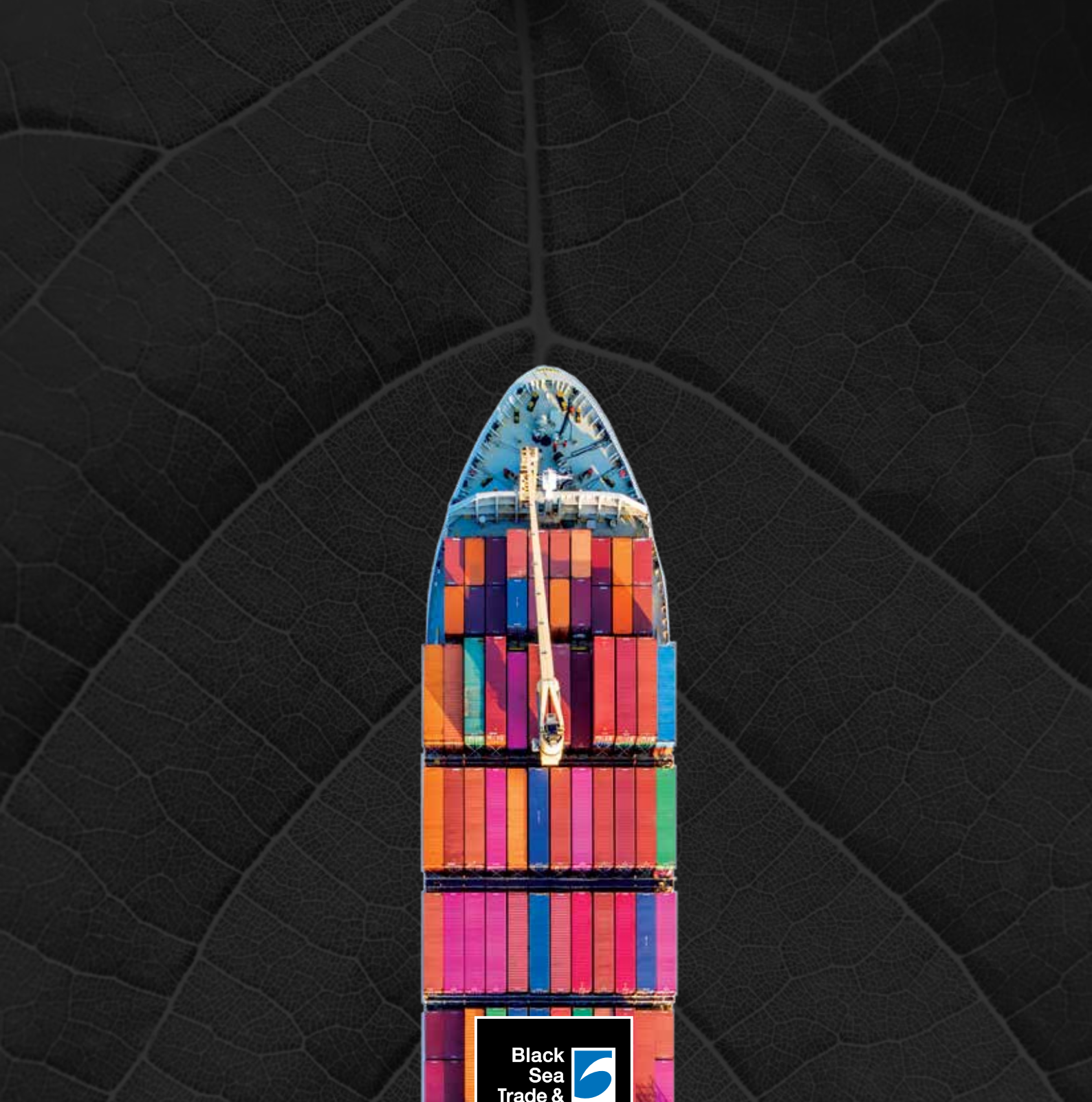
In 2022, the Bank maintained a strong social media follower growth despite the difficult geopolitical environment.

Administrative Services

During 2022, the Administrative Services Department concentrated its efforts on further promoting efforts for the acquisition of new premises; on implementing an automated system for corporate travel logistical support; on revising purchasing procedures to achieve economies of scale and introduce further clarity into the contractor selection process; and on resolving issues related to the expatriate staff's privileges and immunities. Its most substantial achievements were as follows:

Procedural improvements: The department concluded the revision of the institutional purchasing regulations, streamlining the corresponding procedures both in terms of selection clarity for potential contractors and in terms of pruning obsolete and uneconomical processes. It was also instrumental in the adaptation and introduction of the SAP Concur module that automated travel request and claims processes, thereby facilitating the corresponding procedures and de-coupling them from unnecessary paperwork.

New premises: The department proceeded with two consecutive (but fruitless) calls for tenders and supported all efforts for the ensuing separate negotiations with potential contractors.



Financial Statements for the Year Ended 31 December 2022

Together with Auditor's Report

Important Notice

You are notified that the information included herein pertaining to BSTDB's unpublished financial statements for the mentioned year constitutes "inside information" and you should treat it as such, in accordance with meaning ascribed to the term in the Bank's Policy on Prevention of Market Abuse. You are thus subject to the Bank's obligations and restrictions for the prevention of market abuse contained in the related policy, and that this warning should be repeated each time you transmit this information to any other person (internal or external to BSTDB), on a business-need-to-know basis.

It is expected that the aforementioned inside information shall become public after the Board of Directors meeting in June 2023, after which information on the Bank's unpublished financial statements shall be published by being posted in the Bank's Website, and ceased to be inside or should there be a change in the indicated approval date. This notification shall then be removed.

In case of doubt about whether the obligations and restrictions emanating from BSTDB's policy and procedure on the Prevention of Market Abuse have been/can be lifted you should consult with the Bank's Compliance and Operational Risk Management Department.

Table of Contents

	Page
Independent Auditor's Report	49
Income Statement	53
Statement of Comprehensive Income	54
Statement of Financial Position	55
Statement of Changes in Members' Equity	56
Statement of Cash Flows	57
Notes to the Financial Statements	58



Deloitte Certified Public
Accountants S.A.
3a Fragkokklisias & Granikou str.
Marousi Athens GR 151-25, Greece

Tel: +30 210 6781 100
www.deloitte.gr

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors and the Board of Governors of Black Sea Trade and Development Bank

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of Black Sea Trade and Development Bank (the Bank), which comprise the statement of financial position as at 31 December 2022 and the statements of income and comprehensive income, changes in equity and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of Black Sea Trade and Development Bank as at 31 December 2022, and its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRSs).

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs) as these have been incorporated into Greek legislation. Our responsibilities under those standards are further described in the "Auditor's Responsibilities for the Audit of the Financial Statements" section of our report. We have been independent of the Bank during the whole period of our appointment in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (IESBA Code) as incorporated into Greek legislation and the ethical requirements in Greece relevant to the audit of the financial statements and we have fulfilled our ethical requirements in accordance with the applicable legislation and the above mentioned Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the financial statements of the current year. These matters and the assessed risks of material misstatements were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.



Key audit matter	How the matter was addressed in our audit
<p>Expected Credit Loss on Loans at amortized cost</p> <p>Loans at amortized cost of the Bank amounted to EUR 2,041 million as at 31 December 2022 (EUR 2,329 million as at 31 December 2021) and Expected Credit Losses (“ECL”) to EUR 106 million (EUR 44 million as at 31 December 2021) as presented on the Statement of Financial Position.</p> <p>The Bank measures ECL for loans at amortized cost on a collective basis for stage 1 and stage 2 loans and on an individual basis for stage 3 loans.</p> <p>The estimation of ECL on loans at amortized cost is considered a key audit matter as it involves management judgment and high degree of estimation uncertainty. Increased uncertainty related to the continuing impact of Russia’s invasion in Ukraine and the availability of reliable information represented an increased risk in the determination of ECL for loans granted to debtors operated at these countries.</p> <p>Management judgements and accounting estimates, with higher degree of subjectivity or complexity relate to:</p> <ul style="list-style-type: none"> • The timely identification of exposures with significant increase in credit risk and credit impaired exposures. • The determination of certain credit risk parameters, such Probability of Default (PD) and Exposure at Default (EAD). • The inputs and the assumptions used to determine the macroeconomic factors, the scenarios and scenario weights used to estimate the impact of the multiple economic scenarios. • The Identification and appropriateness of management overrides for staging classification of Russian and Ukraine loans to include the impact of the Russian – Ukraine conflict. • For Stage 3 loans granted to debtors operates in Ukraine the most significant assumptions and Management judgements relate to: <ul style="list-style-type: none"> a) the incorporation of the impact of Russia-Ukraine war in the assessment of future cash flows b) the valuation of collaterals c) the reliability of available information d) reasonableness of the weightings of different scenarios for the assessment of individually assessed loans. <p>Management provided further information about principles and accounting policies for determining the allowance for impairment on loans at amortized cost and the management of credit risk in notes 3.6, 5, 12 and 15 to the financial statements.</p>	
	<p>Based on our risk assessment and following a risk based approach, we have evaluated the impairment methodologies applied and assumptions made by Management in relation to this key audit matter, which included, inter alia, the following audit procedures:</p> <ul style="list-style-type: none"> • we obtained an understanding of the procedures and evaluated the design and implementation of relevant internal controls within the business process. • we assessed the appropriateness of the Bank’s IFRS 9 impairment methodologies. • with the support of our internal financial risk modeling specialists, we assessed the reasonableness of Management’s assumptions and input data used in the model, including the analysis of the forecasted macroeconomic variables. We tested the mechanical elements of the calculations such as the EAD, the PD and stage allocation and reperformed the calculation of the ECL on a sample basis. • we tested the accuracy and completeness of critical data used in the ECL calculation by agreeing a sample of ECL calculation data points to source systems or documentation. • on a sample basis we assessed the reasonableness of the estimated expected credit loss for the individually assessed credit impaired exposures. Especially for individually assessed Ukraine stage 3 loans, we assessed the reasonableness of the assumptions used by Management including the forecasted future cash flows, debtor’s operations, the reasonableness of the judgment management applied in the war scenarios used and weighting applied to them, the existence of collaterals and reasonableness of the valuation used. • We evaluated the completeness and appropriateness of overrides performed by management in relation to the staging classification of Russian and Ukraine loans and critically assessed the significant assumptions used. <p>We assessed the adequacy and completeness of the Bank’s disclosures in respect of credit risk, structure and quality of loan portfolio and impairment allowance in accordance with IFRS 9.</p>



Other Information

Management is responsible for the other information. The other information comprises the information included in the Annual report but does not include the financial statements and our auditor's report thereon.

Our opinion on the financial statements does not cover the other information and we will not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements, or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement in this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with IFRSs, and for such internal control as Management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, Management is responsible for assessing the Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless Management either intends to liquidate the Bank or to cease operations, or has no realistic alternative but to do so.

The Audit Committee of the Bank is responsible for overseeing the Bank's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs, as these have been incorporated into Greek legislation, will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, as these have been incorporated into Greek legislation, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty

exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Bank to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters.

Athens, 8 June 2023

The Certified Public Accountant

Alexandra Kostara
Reg. No. SOEL: 19981
Deloitte Certified Public Accountants SA
3a Fragkokklisias & Granikou str.,
GR 151-25 Marousi, Athens, Greece
Reg. No SOEL:E120

INCOME STATEMENT

For the year ended 31 December 2022

Presented in thousands of EUR	Note	2022	2021
Interest and similar income	7	151,268	105,171
Interest and similar expense	8	(59,021)	(58,492)
Net interest income (expense) on derivatives	9	4,388	13,799
Net interest income		96,635	60,478
Of which: net interest income based on the effective interest rate		142,967	97,702
Net fees and commissions	10	1,937	1,971
Net gains from equity investments through profit or loss		-	182
Net gains on derecognition of debt investment securities at fair value through other comprehensive income		139	4,855
Realized gains on derivative instruments		6,386	-
Unrealized fair value (losses) on derivative instruments		(21,880)	(16,602)
Fair value gains (losses) on loans measured at fair value through profit or loss		336	683
Fair value (losses) on equity investments measured at fair value through profit or loss		(791)	-
Foreign exchange (losses) income		(18,980)	(559)
Other (losses) income		(10)	(4)
Operating income		63,772	51,004
Personnel expenses	11,26	(18,197)	(16,352)
Administrative expenses	11	(4,853)	(4,574)
Depreciation and amortization	18,19	(339)	(478)
Income before expected credit losses		40,383	29,600
Expected credit (losses) gains on loans measured at amortized cost	12	(68,085)	11,882
Expected credit gains (losses) on debt investment securities measured at fair value through other comprehensive income	13	116	2,415
Income (loss) for the year		(27,586)	43,897

The accompanying notes, on pages 58 to 119 are an integral part of these financial statements.

STATEMENT OF COMPREHENSIVE INCOME

For the year ended 31 December 2022

Presented in thousands of EUR	Note	2022	2021
Income (loss) for the year		(27,586)	43,897
Other comprehensive income (expense):			
Items that will not be reclassified subsequently to profit or loss:			
Gains (losses) on Actuarial defined benefit scheme	24	8,178	2,310
Gains (losses) on equity investments financial assets	24	(5,527)	6,047
Items that are or may be reclassified subsequently to profit or loss:			
Gains (losses) on investment securities financial assets	24	(18,550)	(9,747)
Gains (losses) on cash flow hedges	24	(3,621)	(493)
Other comprehensive (expense) income		(19,520)	(1,883)
Total comprehensive income (loss)		(47,106)	42,014

The accompanying notes, on pages 58 to 119 are an integral part of these financial statements.

STATEMENT OF FINANCIAL POSITION

At 31 December 2022

Presented in thousands of EUR	Note	2022	2021
Assets			
Cash and due from banks	25	208,338	170,175
Deposits in margin accounts		114,430	30,740
Debt investment securities at fair value through other comprehensive income	13	525,224	652,448
Derivative financial instruments – assets	14	42,338	24,279
Loans at amortized cost	5,15	2,040,986	2,329,424
Less: accrued/deferred income	15	26,458	(14,700)
Less: expected credit losses	5,12	(106,476)	(44,223)
Loans at fair value through profit or loss	15	15,350	15,014
Loans		1,976,318	2,285,515
Equity investments at fair value through profit or loss		-	791
Equity investments at fair value through other comprehensive income	5,16	12,440	24,986
Equity investments at fair value		12,440	25,777
Accrued interest receivable	15	38,054	27,181
Other assets	17	17,054	18,181
Property and equipment	18	265	368
Intangible assets	19	553	200
Right of use assets	22	451	245
Total Assets		2,935,465	3,235,109
Liabilities			
Short-term	20	-	167,756
Amounts due to financial institutions	20	413,485	438,293
Debt evidenced by certificates	20	1,493,157	1,657,416
Accrued interest payable	20	9,013	10,936
Borrowings		1,915,655	2,274,401
Margin accounts		14,420	16,590
Derivative financial instruments – liabilities	14	148,624	45,869
Other liabilities	21	20,132	12,484
Lease liability	22	277	43
Total liabilities		2,099,108	2,349,387
Members' Equity			
Authorized share capital	23	3,450,000	3,450,000
Less: unallocated share capital	23	(1,161,500)	(1,161,500)
Subscribed share capital	23	2,288,500	2,288,500
Less: callable share capital	23	(1,601,950)	(1,601,950)
Paid-in share capital		686,550	686,550
Reserves	24	80,792	100,312
Retained earnings		69,015	98,860
Total members' equity		836,357	885,722
Total Liabilities and Members' Equity		2,935,465	3,235,109
Off-balance-sheet items			
Commitments	5	118,937	237,471

The accompanying notes, on pages 58 to 119 are an integral part of these financial statements.

STATEMENT OF CHANGES IN MEMBERS' EQUITY

For the year ended 31 December 2022

Presented in thousands EUR	Share capital			Reserves	Retained Earnings	Total
	Subscribed	Callable	Payable			
At 31 December 2020	2,288,500	(1,601,950)	-	58,298	98,860	843,708
Income for the year	-	-	-	-	43,897	43,897
Other comprehensive income:						
Net gains (losses) on financial assets at fair value reserve through OCI	-	-	-	(3,700)	-	(3,700)
Actuarial (losses) gains on defined benefit scheme	-	-	-	2,310	-	2,310
Effective portion of cash flow Hedges (losses) gains	-	-	-	(493)	-	(493)
Total comprehensive income for the year	-	-	-	(1,883)	43,897	42,014
Members' contributions	-	-	-	-	-	-
Transfer to general reserve	-	-	-	43,897	(43,897)	-
Total contributions	-	-	-	43,897	(43,897)	-
At 31 December 2021	2,288,500	(1,601,950)	-	100,312	98,860	885,722
Income (loss) for the year	-	-	-	-	(27,586)	(27,586)
Other comprehensive income:						
Net (losses) gains on financial assets at fair value reserve through OCI	-	-	-	(26,336)	-	(26,336)
Disposal of equity investments at fair value through OCI (see Note 16)	-	-	-	2,259	(2,259)	-
Actuarial gains (losses) on defined benefit scheme	-	-	-	8,178	-	8,178
Effective portion of cash flow hedges (losses) gains	-	-	-	(3,621)	-	(3,621)
Total comprehensive income (loss) for the year	-	-	-	(19,520)	(29,845)	(49,365)
Members' contributions	-	-	-	-	-	-
Transfer to general reserve	-	-	-	-	-	-
Total contributions	-	-	-	-	-	-
At 31 December 2022	2,288,500	(1,601,950)	-	80,792	69,015	836,357

The accompanying notes, on pages 58 to 119 are an integral part of these financial statements.

STATEMENT OF CASH FLOWS

For the year ended 31 December 2022

Presented in thousands of EUR	Note	2022	2021
Cash flows from operating activities			
Income for the year		(27,586)	43,897
Adjustment for items in income statement:			
Depreciation and amortization		339	478
Expected credit losses (gains) on loans		68,085	(11,882)
Expected credit losses (gains) on investment securities		(116)	(2,415)
Fair value losses (gains) on loans at FVTPL		(336)	(683)
Fair value losses (gains) on equity investments at FVTPL		791	-
Net interest income		(92,247)	(46,679)
Realized (gains) on disposal investment securities at FVTOCI		(139)	(4,855)
Realized losses (gains) losses on derivative instruments		(6,386)	-
Cash generated from (used for) operations:			
Proceeds from repayment of loans		614,609	903,419
Proceeds from repayment of equity investments		5,684	7,169
Funds advanced for loans		(246,115)	(1,072,130)
Funds advanced for equity investments		(924)	(460)
Net movement in derivative financial instruments		62,816	35,958
Working capital adjustments:			
Interest income received		140,395	101,502
Interest income paid		(60,944)	(56,940)
Decrease (increase) in deposit margin accounts		(83,690)	(4,500)
Decrease (increase) in other assets		1,127	(6,464)
Increase (decrease) in margin accounts		(2,170)	(6,330)
Increase (decrease) in other and lease liabilities		7,882	(1,442)
Increase (decrease) in accrued/deferred income		(41,158)	887
Net cash from / (used in) operating activities		339,917	(121,470)
Cash flows from investing activities			
Net proceeds from investment securities at FVTOCI		126,828	49,481
Purchase of property, software and equipment		(613)	(320)
Net cash from / (used in) investing activities		126,215	49,161
Cash flows from financing activities			
Proceeds from borrowings		326,811	1,677,859
Repayment of borrowings		(684,688)	(1,306,724)
Net cash from financing activities		(357,877)	371,135
Net increase (decrease) in cash and cash equivalents		108,255	298,826
Cash and cash equivalents at beginning of year		571,492	272,666
Cash and cash equivalents at end of year	25	679,747	571,492

The accompanying notes, on pages 58 to 119 are an integral part of these financial statements.

NOTES TO THE FINANCIAL STATEMENTS

1. ESTABLISHMENT OF THE BANK

1.1 Agreement Establishing the Bank

Black Sea Trade and Development Bank (the “Bank”), whose headquarters are located at 1 Komninon Street, Thessaloniki, in the Hellenic Republic, was established as an international financial organization under the Agreement Establishing the Bank dated 30 June 1994 (‘Establishing Agreement’). In accordance with Article 61 of the Establishing Agreement, following the establishment of the Bank the Establishing Agreement came into force on 24 January 1997. The Bank commenced operations on 1 June 1999.

The purpose of the Bank is to accelerate development and promote cooperation among its shareholder countries. As a regional development institution, the Bank is well placed to mobilize financial resources and to improve access to financing for businesses in the whole region as well as for those active only in its individual Member Countries. The Bank offers project and trade financing facilities, equity participations and guarantees. Bank financing of projects and programs is available directly or in cooperation with other national and international development institutions. The Bank may also, where appropriate, provide technical assistance to potential customers.

As at financial position date the Bank’s shareholders comprised of the following 11 countries: Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, the Russian Federation, Türkiye and Ukraine.

1.2 Headquarters Agreement

The status, privileges and immunities of the Bank and persons connected therewith in the Hellenic Republic are defined in the Headquarters Agreement between the Government of the Hellenic Republic and the Bank (‘Headquarters Agreement’) signed on 22 October 1998.

1.3 Governing Bodies

Each of the Member States of the Bank is represented on the Board of Governors (BoG), with all powers of the Bank vested in the BoG. With the exception of certain reserved powers, the BoG has delegated the exercise of its powers to the Board of Directors (BoD), while retaining overall authority.

BoG and BoD members can be changed at any time upon the discretion of the respective Member State.

1.3.1 Board of Governors

Country	Governor
Albania	Ms. Adela Xhemali
Armenia	Mr. Arthur Javadyan
Azerbaijan	Mr. Samir Sharifov
Bulgaria	Ms. Lyudmila Petkova
Georgia	Mr. Koba Gvenetadze
Greece	Mr. Adonis-Spyridon Georgiadis
Moldova	Mr. Dumitru Budianschi
Romania	Mr. Alin Chitu
Russia	Mr. Timur Maksimov
Türkiye	Mr. Murat Zaman
Ukraine	Ms. Yuliia Svyrydenko

NOTES TO THE FINANCIAL STATEMENTS

1.3.2 Board of Directors

Country	Director
Albania	Mr. Arlind Gjokuta
Armenia	Mr. Garegin Gevorgyan
Azerbaijan	Mr. Famil Ismayilov
Bulgaria	Ms. Milena Boikova
Georgia	Ms. Ekaterine Guntsadze
Greece	Mr. Ioannis Tsakiris
Moldova	Ms. Elena Matveeva
Romania	Ms. Diana Blindu
Russia	Mr. Dmitry Birichevskiy
Türkiye	Mr. Kerem Donmez
Ukraine	Mr. Taras Kachka

2. BASIS OF PREPARATION OF FINANCIAL STATEMENTS

2.1 Basis of Preparation

The financial statements have been prepared in accordance with International Financial Reporting Standards (IFRSs) as issued by the International Accounting Standards Board (IASB).

These financial statements for the year ended 2022 were submitted by the Management Committee to the Board of Directors (BoD) for approval on 2 June 2023 and were approved for issuance on that date.

Pursuant to Article 23 of the Establishing Agreement, these financial statements shall be subject to approval by the Board of Governors (BoG) in their Annual Meeting to be held on 6 July 2023.

Basis of measurement

- The financial statements have been prepared on a historical cost basis except for the below assets and liabilities which have been measured at fair value:
- Debt investment securities at fair value through other comprehensive income;
- Loans at fair value through profit or loss;
- Equity investments at fair value through profit or loss;
- Equity investments at fair value through other comprehensive income; and
- Derivative financial instruments.

Functional and presentation currency

The Bank's functional currency is the Euro (EUR) as defined by the European Central Bank (ECB). The Euro is most representative of the Bank's operations and environment as a significant percentage of the Bank's lending operations are in Euro, and the administrative expenses and capital expenditures are primarily denominated and settled in this currency. The Bank's presentation currency is the EUR and values are rounded to the nearest thousand unless otherwise stated.

Use of Estimates and Judgments

The preparation of the financial statements in conformity with IFRS requires management to make judgments and use of estimates and assumptions that affect the application of the accounting policies and the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results may differ from those reported. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to estimates are recognized prospectively.

NOTES TO THE FINANCIAL STATEMENTS

The areas where the Bank has applied judgement and used estimates and assumptions are: estimation of expected credit losses of loans, fair valuation of financial instruments not quoted in active markets, including OTC derivatives and certain debt securities, impairment of investment securities, estimation of retirement benefits obligation.

The areas involving a higher degree of judgment or areas where assumptions and estimates are significant to the financial statements are disclosed in the Note 4.

2.2 Going Concern

The Bank's Board of Governors considered the Bank's ongoing financial sustainability when approving the Bank's "Long Term Strategic Framework (LTSF) 2021-2030" in June 2021, which reflects the Bank's prospects and the ways in which its shareholders would like it to evolve.

Further and in support of the new LTSF, the Board of Governors has approved an increase to the subscribed capital of the Bank, to take place over the period 2023-2030.

In March 2023 the Board of Governors concluded its special meeting dedicated to the evaluation of subscriptions received from Member States on the new round of capital increase and allocation of subscribed capital. The results of the subscription showed strong shareholder support with the offer being oversubscribed. Ten Member States participated, while two of them oversubscribed. The Board of Governors decided, in line with the provisions of the "Capital Contribution Strategy and Technical Parameters for Capital Subscription", to allocate in the first step to the Member States that qualify without any regulatory concern the number of shares corresponding to the share they owned in the capital of the Bank immediately prior to the offer for subscription. 578,016 shares were allocated amounting to EUR 664.7 million. Final decision on allocation of shares, payment and transfer of voting rights will be decided in the second step of the process, at the Annual Meeting in July 2023.

The financial statements for 2022 have been prepared on a going concern basis. As the Bank maintains its operational capacity and retains its strong capital position and liquidity position (31 December 2022 of EUR 850,420 thousand, SoFP), the Board of Directors is of the view that the Bank will continue to operate as a going concern from the date of approval of the financial statements.

The Bank had no exposure to Silicon Valley Bank, Signature Bank nor Credit Suisse Bank (exception of one financial derivative at 31 December 2022 fair value of EUR 12,422 thousand which matures within the first half 2023).

NOTES TO THE FINANCIAL STATEMENTS

3. SIGNIFICANT ACCOUNTING POLICIES

A summary of the Bank's accounting policies applied in the preparation of these financial statements are presented in this section. These policies are the same as those applied for the comparative period presented taking into account the amendments to standards which were issued by the International Accounting Standards Board (IASB), which are further analyzed below:

3.1 Adoption of New and Amended Standards (IFRS)

New standards and amendments to standards which were issued by the International Accounting Standards Board (IASB), applied on 1 January 2022:

- **IAS 16: Property, Plant and Equipment**

IAS 16 "Property, Plant and Equipment" outlines the accounting treatment for most types of property, plant and equipment. Property, plant and equipment is initially measured at its cost, subsequently measured either using a cost or revaluation model, and depreciated so that its depreciable amount is allocated on a systematic basis over its useful life. Effective for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2022. Early application is permitted. The adoption did not have any material impact on the Bank's financial statements.

- **IAS 37: Provisions, Contingent Liabilities and Contingent Assets**

IAS 37 "Provisions, Contingent Liabilities and Contingent Assets" outlines the accounting for provisions (liabilities of uncertain timing or amount), together with contingent assets (possible assets) and contingent liabilities (possible obligations and present obligations that are not probable or not reliably measurable). Effective for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2022. Early application is permitted. The adoption did not have any material impact on the Bank's financial statements.

- **IAS 41: Agriculture**

IAS 41 "Agriculture" sets out the accounting for agricultural activity – the transformation of biological assets (living plants and animals) into agricultural produce (harvested product of the entity's biological assets). The standard generally requires biological assets to be measured at fair value less costs to sell. Effective for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2022. Early application is permitted. The adoption did not have any impact on the Bank's financial statements.

- **IFRS 1: First-time Adoption of International Financial Reporting Standards**

IFRS 1 "First-time Adoption of International Financial Reporting Standards" sets out the procedures that an entity must follow when it adopts IFRS for the first time as the basis for preparing its general purpose financial statements. The IFRS grants limited exemptions from the general requirement to comply with each IFRS effective at the end of its first IFRS reporting period. Effective for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2022. Early application is permitted. This is not applicable to the Bank.

NOTES TO THE FINANCIAL STATEMENTS

• IFRS 3: Business Combinations

IFRS 3 “Business Combinations” outlines the accounting when an acquirer obtains control of a business (e.g. an acquisition or merger). Such business combinations are accounted for using the ‘acquisition method’, which generally requires assets acquired and liabilities assumed to be measured at their fair values at the acquisition date. Effective for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2022. Early application is permitted if an entity also applies all other updated references (published together with the updated Conceptual Framework) at the same time or earlier. The adoption did not have any impact on the Bank’s financial statements.

New standards and amendments to standards which were issued by the International Accounting Standards Board (IASB), applied on or after 1 January 2023:

• IAS 1: Presentation of Financial Statements

IAS 1 “Presentation of Financial Statements” sets out the overall requirements for financial statements, including how they should be structured, the minimum requirements for their content and overriding concepts such as going concern, the accrual basis of accounting and the current/non-current distinction. The standard requires a complete set of financial statements to comprise a statement of financial position, a statement of profit or loss and other comprehensive income, a statement of changes in equity and a statement of cash flows. Effective January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2023. Earlier application is permitted. The adoption is not expected to have any material impact on the Bank’s financial statements.

• IAS 8: Accounting Policies, Changes in Accounting Estimates and Errors

IAS 8 “Accounting Policies, Changes in Accounting Estimates and Errors” is applied in selecting and applying accounting policies, accounting for changes in estimates and reflecting corrections of prior period errors. The standard requires compliance with any specific IFRS applying to a transaction, event or condition, and provides guidance on developing accounting policies for other items that result in relevant and reliable information. Changes in accounting policies and corrections of errors are generally retrospectively accounted for, whereas changes in accounting estimates are generally accounted for on a prospective basis. Effective January 1, 2011, earlier application is permitted. The amendments are effective for annual periods beginning on or after January 1, 2023. Earlier application is permitted. The adoption is not expected to have any material impact on the Bank’s financial statements.

• IAS 12: Income Taxes

IAS 12, “Income Taxes” implements a so-called ‘comprehensive balance sheet method’ of accounting for income taxes which recognizes both the current tax consequences of transactions and events and the future tax consequences of the future recovery or settlement of the carrying amount of an entity’s assets and liabilities. Differences between the carrying amount and tax base of assets and liabilities, and carried forward tax losses and credits, are recognized, with limited exceptions, as deferred tax liabilities or deferred tax assets, with the latter also being subject to a ‘probable profits’ test. First effective as Canadian GAAP under Part I for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011. The amendments are effective for annual periods beginning on or after January 1, 2017. Earlier application is permitted. The amendments are effective for annual reporting periods beginning on or after January 1, 2023. Early adoption is permitted. This is not applicable to the Bank.

NOTES TO THE FINANCIAL STATEMENTS

• IFRS 16: Leases

IFRS 16 “Leases” specifies how to recognize, measure, present and disclose leases. The standard provides a single lessee accounting model, requiring the recognition of assets and liabilities for all leases, unless the lease term is 12 months or less or the underlying asset has a low value. Lessor accounting however remains largely unchanged from IAS 17 and the distinction between operating and finance leases is retained. The amendments were effective for annual periods beginning on or after January 1, 2020. Earlier application is permitted. The amendments are effective for annual reporting periods beginning on or after January 1, 2024. Earlier application is permitted. The adoption is not expected to have any material impact on the Bank’s financial statements.

• IFRS 17: Insurance Contracts

IFRS 17 “Insurance Contracts” establishes the principles for the recognition, measurement, presentation and disclosure of insurance contracts within the scope of the standard. The objective of IFRS 17 is to ensure that an entity provides relevant information that faithfully represents those contracts. This information gives a basis for users of financial statements to assess the effect that insurance contracts have on the entity’s financial position, financial performance and cash flows. The IASB tentatively decided to defer the effective date of IFRS 17, Insurance Contracts to annual periods beginning on or after January 1, 2022. [The IASB has also published ‘Extension of the Temporary Exemption from Applying IFRS 9 (Amendments to IFRS 4)’ to defer the fixed expiry date of the amendment also to annual periods beginning on or after January 1, 2023.] Effective January 1, 2021. The amendments are effective for annual reporting periods beginning on or after January 1, 2023. The adoption is not expected to have any material impact on the Bank’s financial statements.

3.2 Foreign Currencies Translation

Foreign currency transactions are initially recorded in EUR by applying to the foreign currency amount the exchange rate between the EUR and the foreign currency at the rate prevailing at the date of transaction. When preparing the financial statements exchange gains and losses arising from the translation of monetary assets and liabilities denominated in foreign currencies at year end are recognized in the income statement.

Monetary assets and liabilities denominated in foreign currencies are translated into Euro at the exchange rate at the reporting date. The foreign exchange gain or loss on monetary items is the difference between the amortized cost in Euro at the beginning of the year, adjusted for the effective interest, impairment and prepayments during the year, and the amortized cost in the foreign currency translated at the exchange rate at the end of the year.

Non-monetary items that are measured at historical cost in a foreign currency are translated using the exchange rate at the date of the transaction. Foreign currency differences are generally recognized in income statement except for foreign exchange differences on non-monetary items which are at FVTOCI as equity investments which are recognized in other comprehensive income.

The Bank uses the official exchange rates published for the EUR by the European Central Bank (ECB), exception for Russian Ruble from March 2022 onwards extracted from Central Bank of Russian Federation. The exchange rates used by the Bank at the financial position date were as follows.

		31 December 2022	31 December 2021
	= United States dollar	1.06660	1.13260
	= Pound sterling	0.88693	0.84028
	= Russian ruble	76.07650	85.30040
1 EUR	= Azerbaijan manat	1.81140	1.92650
	= Georgian lari	2.88320	3.50400
	= Armenian dram	420.06000	542.61000
	= Romanian leu	4.94950	4.94900

NOTES TO THE FINANCIAL STATEMENTS

3.3 Cash and Cash Equivalents

For the purposes of the statement of cash flows, cash and cash equivalents consist of cash on hand, placements with other financial institutions and debt securities with maturities of three months or less from the financial position date. These are highly liquid assets that are readily convertible to a known amount of cash and are subject to insignificant risk of change in value due to the movements in market rates.

3.4 Recognition and Initial Measurement, and Derecognition of Financial Instruments

The Bank recognizes a financial asset or financial liability in its statement of financial position when it becomes a party to the contractual rights or obligations.

3.4.1 Date of recognition

Financial assets and liabilities, with the exception of Note 3.5.1, are initially recognized on the trade date, i.e., the date on which the Bank becomes a party to the contractual provisions of the instrument. This includes regular way trades, i.e., purchase or sale of financial assets that require delivery of assets within the time frame generally established by regulation or convention in the market place.

Financial assets and financial liabilities are measured initially at fair value plus, for an item not at Fair Value Through Profit and Loss (FVTPL), transaction costs that are directly attributable to its acquisition or issue. Financial assets and financial liabilities at FVTPL are initially recognized at fair value and are thereafter carried at fair value. The fair value of a financial instrument at initial recognition is generally its transaction price.

3.4.2 Date of derecognition

The Bank derecognizes a financial asset or a portion of a financial asset when (i) the contractual rights to the cash flow from the financial asset expire, (ii) loses control of the contractual rights that comprise the financial asset or a portion of the financial asset or (i) the Bank retains the right to receive cash flows from the asset, but has assumed the obligation to pay it in full without material delay to a third party under a 'pass through' arrangement. The Bank derecognizes a financial liability when a liability is extinguished, that is when the obligation specified in the contract is discharged, cancelled or expires. The evaluation of the transfer of risks and rewards of ownership precedes the evaluation of the transfer of control for derecognition transactions.

On derecognition of a financial asset, except for equity investments at FVTOCI, the difference between the carrying amount of the asset (or the carrying amount allocated to the portion of the asset derecognized) and the sum of (i) the consideration received (including any new asset obtained less any new liability assumed) and (ii) any cumulative gain or loss that had been recognized in OCI for investment securities is recognized in income statement.

Any cumulative gain or loss recognized in OCI in respect of equity investments designated as at Fair Value through Other Comprehensive Income (FVTOCI) is not recognized in income statement on derecognition of such investments but are recorded in retained earnings.

3.5 Financial Assets

The classification of financial assets defines how existing information is reflected in the financial statements. In particular, the valuation method and the impairment calculation are defined by this classification, which are based on relevant IFRS.

NOTES TO THE FINANCIAL STATEMENTS

3.5.1 Classification and subsequent measurement

The Bank classifies a financial asset in its financial statements in one of the below three measurement categories:

1. Financial assets measured at amortized cost (AC): this category includes each asset or group of assets for which the Bank's business model constitutes its holding for the purpose of collecting contractual cash flows. Financial assets are classified at AC only if both of the following criteria are met:

- The objective of the Bank's business model is to hold financial assets in order to collect the contractual cash flows; and
- The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal outstanding (SPPI test):

The Bank includes in this category financial assets which are non-derivative with fixed or determinable payments and with fixed maturities meeting the above criteria. They are initially recognized at fair value plus any transaction costs and including any premium or discount that may arise on the date of acquisition. Third party expenses, such as legal fees, incurred in securing a loan are treated as part of the cost of the transaction. They are subsequently measured at AC using the effective interest method, less any allowance for expected credit losses. All such financial assets are primarily recognized on settlement date.

These financial assets include cash and due from banks, loans and advances that meet the above criteria. Loans and advances are recognized when funds are transferred to the customer's account.

2. Financial assets measured at fair value through other comprehensive income (FVTOCI), with gains or losses reclassified on profit or loss on derecognition. The Bank classifies debt instruments (including Euro/ US dollar commercial paper (ECP)) at FVTOCI when both of the following conditions are met:

- The instrument is held within a business model, the objective of which is achieved by both collecting the contractual cash flows and selling financial assets; and
- The contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal outstanding (SPPI test).

FVTOCI debt instruments are subsequently measured at fair value with gains and losses that arise from fluctuations in fair value recognized in OCI. Their fair value is determined by reference to quoted market bid prices. On derecognition cumulative gain or loss previously recognized in OCI are reclassified from OCI to income statement. Foreign exchange gains or losses and interest income calculated using the effective interest rate method are recognized in income statement. All such financial assets are recognized on trade date.

3. Financial assets (equity instruments) measured at FVTOCI, with no reclassification of gains or losses to profit or loss on derecognition. For equity investments for which the Bank decided to make an irrevocable initial recognition of value (on a financial instrument-by-instrument basis), subsequent changes in fair value will be presented in other comprehensive income (OCI). This option applies to instruments that are neither held for trading nor contingent consideration recognized by an acquirer in a business combination (to which IFRS 3 –Business Combinations– applies). These are usually equity instruments that represent a 'strategic investment'. Dividends received are recorded in the income statement.

After initial recognition at fair value, these financial assets are subsequently measured at fair value with all gains and losses arising from changes in fair value (realized and unrealized), including foreign exchange gains and losses, recognized in other comprehensive income, and are not reclassified to income statement. For those financial instruments there is no impairment assessment. The fair value for those not purchased from an active market is determined using accepted valuation techniques which use unobservable inputs. These valuation techniques used are net asset value, when this is deemed to approximate fair value, and earnings-based valuations using comparable information and discounting cash flows. The Bank's equity investments are included in this category. All such financial assets are recognized on settlement date.

NOTES TO THE FINANCIAL STATEMENTS

4. *Financial assets measured at FVTPL*: this category includes financial assets that do not meet the criteria to be classified in any of the above categories. These financial assets are initially measured at their fair value and subsequently carried at fair value on the statement of financial position with all changes in fair value gains and losses and foreign exchange gains and losses, recognized in the income statement in the period in which they occur. Transaction costs on these financial assets are expensed in the income statement. Loans that have failed the SPPI test are included in this category.

The Bank has 3 business models as explained below.

3.5.2 Measurement

The Bank measures financial assets at fair value on initial recognition, as detailed above. In the event the Bank considers that the fair value on initial recognition differs from the transaction price, that difference is recognized as a gain or loss on initial recognition but only if the fair value is based on a requested active market price for identical assets or is based on a valuation technique using data solely from identified markets. In all other cases, the difference between the transaction price and the fair value is deferred and is only recognized in the income statement when the inputs become observable, or when the instrument is derecognized.

Financial assets that are subsequently measured at either AC or debt instruments at FVTOCI, are subject to expected credit loss (ECL). Based on the Bank's credit policy, the Bank does not originate credit-impaired financial assets, nor does the Bank purchase credit-impaired assets, exception being those loans (or portion of) would be acquired at a deep discount.

It is Bank's policy financial assets are not reclassified subsequent to their initial recognition, except in the period after the Bank would change the business model for managing such financial assets that would be extremely infrequent and on a portfolio basis that would no longer meet the Bank's operational priorities. Emergency situations or to comply with new regulatory guidelines does not constitute a change in the business model (see below business model).

3.5.3 Business model assessment

The factor of the business model refers, amongst others, to the manner in which the Bank manages its financial assets by classifying them in portfolios that are part of its business model. The adopted business model determines the source of revenue, as it arises from individual portfolios either through the collection of contractual cash flows or from the sale of financial assets or the combination of the above.

The assessment of the business model reflects the Bank's strategy under normal business conditions. The assessment is not affected by actions required in 'emergency situations' (e.g.: liquidity needs, non-inherent capital requirements, governmental interference/restrictions, sanctions, or for credit risk, etc.). Also, Management decisions taken to comply with new regulatory guidelines are not included in the assessment.

In general, the Bank has included the majority of its loan portfolios in the hold-to-collect business model. The assessment of a business model is made within the definition of operational objectives as defined by the Bank's Management, as well as in the operational management of its assets. The assessment is effected at portfolio level rather than at individual asset levels.

The Business Model applied to loan portfolio, treasury portfolio and equity investment portfolio is reassessed at each reporting period. The reassessment of the Business Model has been established in order to determine if evidence initially used has changed. The assessment process applied by the Bank through its business model, based on strategic objectives, classifies its assets in the following three categories in accordance with IFRS 9:

i) Hold to collect

Each asset or group of assets for which the Bank's business model recommends that it be held for the purpose of collecting contractual cash flows is appropriately classified as AC, FVTOCI or FVTPL.

NOTES TO THE FINANCIAL STATEMENTS

ii) Hold to collect and sell

Each asset or group of assets for which the Bank's business model recommends that it be held for the purpose of collecting contractual cash flows and selling them when the strategic planning of their acquisition has been achieved is classified as 'Hold to collect and sell'.

iii) Trading portfolio

The financial assets held for trading are classified as 'Trading portfolio'. The Bank had no financial assets in trading portfolio.

3.5.4 Loans

Loans originated by the Bank, is where money is provided directly to the borrower. Loans are initially recorded at fair value, which is usually the net amount disbursed at inception including directly attributable origination costs and certain types of fees or commission (e.g. syndication commission, front-end, commitment fees and handling charges) that are regarded as an adjustment to the effective interest rate of the loan, and are subsequently measured at amortized cost using the effective interest rate method.

The Bank classifies in loan category bonds which are purchased with a view of a development impact and such purchases are performed based on the Bank's loan financing criteria and follow the thorough appraisal and approval process of the Bank. Such bonds at 31 December 2022 were a gross amount of EUR 331,807 thousand (2021: EUR 294,330 thousand). Management has concluded that presentation within loans present fairly the Bank's financial position.

Loans that are designated as at FVTPL are recognized at fair value and carried at fair value. The fair value can be derived by models incorporate market data pertaining to interest rates, a borrower's credit rating, underlying assets and discounted cash flows.

3.6 Expected Credit Losses (ECL)

3.6.1 Financial assets

The Bank records an allowance for expected credit loss for all loans and loans receivables, and other debt instruments held at amortized cost, together with off balance sheet items (loan commitments and financial guarantee contracts). In this section, all referred to as 'financial instruments'. Equity instruments are not subject to impairment.

The basis of inputs and assumptions and the estimation techniques used are as follows in their related sections.

i) Measure the 12-month and lifetime expected credit losses

ECLs are a probability-weighted average estimate of credit losses that reflects the time value of money. Upon initial recognition of the financial instruments, the Bank records a loss allowance equal to 12-month ECL, being the ECL that result from default events that are possible within the next twelve months. Subsequently, for those financial instruments that have experienced a significant increase in credit risk (SICR) since initial recognition, a loss allowance equal to lifetime ECL is recognized, arising from default events that are possible over the expected life of the instrument.

For the purposes of calculating expected credit losses, the financial instruments are classified in three stages as follows:

- Stage 1: Stage 1 includes performing exposures that do not have significant increase in credit risk since initial recognition. Stage 1 also includes exposures for which credit risk has been improved and the exposure has been reclassified from Stages 2 or 3. In this stage expected credit losses are recognized based on the probability of default within the next 12 months.
- Stage 2: Stage 2 includes performing exposures for which there has been a significant increase in credit risk since initial recognition. Stage 2 also includes exposures for which the credit risk has improved, and the exposure has been reclassified from stage 3. In this stage, lifetime expected credit losses are recognized.

NOTES TO THE FINANCIAL STATEMENTS

- Stage 3: Stage 3 includes non-performing / credit-impaired exposures. In this stage lifetime expected credit losses are recognized.

There can be transfers of exposures from one stage to another, depending on whether there is a change in the credit risk of that exposure.

ii) Basic parameters used for the calculation of expected credit loss

The calculation of expected credit losses is based on the following parameters:

- Probability of Default (PD) represents the probability that a debtor will default on his debt obligations either over the next twelve months or over the remaining maturity of his debt. In accordance with IFRS 9.
- Exposure at Default (EAD) is defined as the estimate of the exposure at a future default date, taking into account expected changes in the exposure after the reporting date, including repayments of principal and interest, and undrawn commitments using the credit conversion exposure factor (CCF).
- Loss Given Default (LGD) represents the extent of the loss that the Bank expects for exposures that are in default and is defined as the difference between the contractual cash flows and those that the Bank expects to collect, including collateral amounts. LGD, which is usually expressed as a percentage of the EAD, varies according to the category of the counterparty, the category and priority of the claim, the existence of collateral and other credit enhancements.

The Bank uses information obtained from the Global Emerging Markets (GEMs) database in order to assign LGD to its loan asset classes. GEMs is an International Financial Institution (IFI) wide initiative designed to pool default and recovery rates experienced by IFIs in emerging markets. Treasury asset classes derive their PDs from the assigning rating agency.

iii) Determine whether the credit risk of financial instruments have increased significantly since initial recognition

The Bank assigns credit rating to each loan at inception based on the internal scorecard methodologies for Financial Institutions, Corporates or Project Finance and all loans are subject to annual credit review if rated to a category up to BB+, while all loans below that rating are subject to semi-annual credit review. The credit rating is primary input to the PD which is calculated based on statistical model and incorporates macroeconomic projections.

At each reporting date, the Bank assesses whether the credit risk on a financial instrument has increased significantly since initial recognition. When making the assessment, the Bank compares the probability of default (PD) of the financial instrument as at the reporting date with the probability of default (PD) of the financial instrument as at the date of initial recognition, that is indicative of significant increases in credit risk since initial recognition.

In order to determine whether there has been a significant increase in the credit risk since origination, and hence transition to Stage 2, a combination of quantitative and qualitative risk metrics are used. All loans with at least a 3-notch downgrade on the Bank's internal ratings scale since origination, all loans for which the contractual payments are overdue by between 31 and 90 days inclusive, as well as all loans placed on the 'watch list' are transferred to Stage 2.

For financial guarantee contracts, the date the Bank becomes a party to the irrevocable commitment is considered to be the date of initial recognition for the purpose of assessing the financial instrument for impairment. In assessing whether there has been a significant increase in credit risk since initial recognition of a financial guarantee contract, the Bank considers the risk that the specified debtor will default on the contract in line with the above determination for loans.

The assessment of significant increase in credit risk is key in transferring an exposure from Stage 1 to Stage 2 and the respective change in the ECL measurement from 12-month to lifetime ECL.

NOTES TO THE FINANCIAL STATEMENTS

iv) Determine whether a financial asset is lifetime expected losses or credit-impaired

A financial asset is transitioned to Stage 3 assigned lifetime expected losses when one or more events that have a detrimental impact on the estimated future cash flows of that financial asset have occurred. Generally, there will be a significant increase in credit risk before a financial asset becomes credit-impaired, e.g., is already within Stage 3 and an actual default occurs. Evidence that a financial asset has lifetime expected losses and/or is credit-impaired includes observable data about the following events:

- Is performing but automatically assigned due to significant credit rating downgrades;
- Significant financial difficulty of the issuer or the borrower;
- A breach of contract, such as a default (see definition of default);
- The lender(s) of the borrower, for economic or contractual reasons relating to the borrower's financial difficulty, having granted to the borrower a concession(s) that the lender(s) would not otherwise consider;
- It is becoming probable that the borrower will enter bankruptcy or other financial reorganization;
- The disappearance of an active market for that financial asset because of financial difficulties; or
- The purchase or origination of a financial asset at a deep discount that reflects the incurred credit losses.

It may not be possible to identify a single discrete event – instead, the combined effect of several events may have caused financial assets to become credit-impaired.

v) Definition of default

The definition of default used for determining the risk of a default occurring shall be applied consistently to all financial instruments unless information becomes available that demonstrates that another default definition is more appropriate for a particular financial instrument. The Bank's definition of default is based on the regulatory definition under Article 178 of the 'Regulation (EU) No 575/2013 of the European Parliament and of the Council of the European Union of 26 June 2013 on prudential requirements for credit banks and investment firms and amending Regulation (EU) 648/2012' (CRR). A default is considered to have occurred when either of the following conditions had taken place.

a. Qualitative

Unlikelihood to Pay (UTP) criterion: the Bank considers that the obligor is unlikely to pay its credit obligations to the Bank without recourse by the Bank to actions such as realizing security. Below there are some elements that are taken as indications of unlikelihood to pay (in line with CRR (Article 178)).

- The Bank puts the credit obligation on non-accrued status.
- The Bank recognizes a specific credit adjustment resulting from a significant perceived decline in credit quality subsequent to the institution taking on the exposure.
- The Bank has filed for the obligor's bankruptcy or a similar order in respect of an obligor's credit obligation to the Bank, the parent undertaking or any of its subsidiaries.
- The obligor has sought or has been placed in bankruptcy or similar protection where this would avoid or delay repayment of a credit obligation to the Bank, the parent undertaking or any of its subsidiaries.

b. Quantitative

Past due criterion: the exposure is past due more than 90 days on principal, or considerable other credit, obligation to the Bank.

Impairment losses for guarantees are recognized while a guarantee is in effect and the amounts are determined based on the level of utilization of the guarantee.

If the amount of impairment subsequently decreases due to an event occurring after a write-down, the release (i.e., reverse) of the impairment is credited to the provision for impairment asset losses. Unwinding of the discount is treated as income and remaining provision is then reassessed.

NOTES TO THE FINANCIAL STATEMENTS

vi. How forward-looking information has been incorporated into the determination of expected credit losses, including the use of macroeconomic information

The calculation of Lifetime PDs for each facility is based macro PD models which have been developed for each Member State of the Bank. The macro PD models incorporate forward-looking macroeconomic variable projections for each Member State. The macro PD models are used to calculate the Lifetime PD curves which are in turn used for the calculation of the Lifetime ECL.

vii. Changes in the estimation techniques or significant assumptions made during the reporting period and the reasons for those changes

For the calculation of ECL for Stage 1 and 2 loans, there is no change to the estimation technique made during the reporting year. For the calculation of ECL for Stage 3 loans, the LGD has been estimated using individual assessment impairment tests which take into account certain assumptions involving optimistic and pessimistic scenarios. Due to the high uncertainty related to the current geopolitical situation, the status and assumptions behind such operations are subject to regular review. For more information refer to Note 12 "Expected Credit Losses".

3.6.2 Non-financial assets

At each financial position date, the Bank reviews the carrying value of the non-financial assets and assesses whether there is any indication of impairment. If such indications exist, an analysis is performed to assess whether the book value of the specific assets can be recovered. The recoverable amount is the higher amount between the fair value less costs of disposal and of the value in use (as calculated from the net cash flows). If the carrying value of an intangible asset exceeds its recoverable value, then an impairment loss is recorded in the income statement.

3.6.3 Renegotiated financial assets

When necessary, the Bank seeks to restructure a financial asset that may involve extending the payment arrangements and the agreement of new loan terms and conditions. The Bank may renegotiate the contractual terms of financial asset for a number of reasons, including changing market conditions (e.g., interest rates, governmental interference), retention not related to potential credit deterioration, retention related to credit deterioration, but generally in response to an adverse change or requirement in the financial condition of the borrower.

For loans that are modified the Bank recalculates the gross book value based on the revised cash flows on the financial asset and recognizes the profit or loss from the modification in income statement. The new gross book value is recalculated by discounting the modified cash flows at the original effective interest rate.

Modifications occur when the contractual cash flows of a financial asset are renegotiated or otherwise modified. Some modifications result in derecognition of the existing asset and recognition of a new asset with the difference recognized as a derecognition gain or loss, to the extent that an impairment loss has not already been recorded, while other modifications do not result in derecognition. Modifications that result in derecognition are considered to be substantial modifications. A significant or substantial change is defined when the customer enters into a new loan contract (i.e., completely new product and new pricing) that has a different interest rate type, loan amount, term period (temporary term extension is excluded), and/or customer (e.g., from single customer to joint or change in one of the joint customer names).

A distressed restructuring is an indication of unlikeliness to pay where this is likely to result in a diminished financial obligation caused by the material (change in the net present value of the asset by more than 10%) forgiveness, or postponement of either principal, interest or, where relevant fees. Distressed restructuring occurs when forbearance measures have been extended towards a debtor. Therefore, those forborne exposures where the forbearance measures are likely to result in a diminished financial obligation are classified as defaulted. Restructured operations will be considered cured and normalized after two successful repayments (average of 6 months per repayment) and could therefore be subject to a Stage movement.

NOTES TO THE FINANCIAL STATEMENTS

3.6.4 Write-offs

According to the IFRS 9 (B5.9), the gross carrying amount of a financial asset may be directly reduced when there is no reasonable expectation of recovering the financial asset in its entirety or a portion of it. As such, the Bank may record a write-off of Stage 3 loans. The Bank may also, on an ad-hoc basis, examine the need for any further write-offs of Stage 2 loans if there is relevant evidence.

3.6.5 Write-backs

Recoveries (write-backs) of an asset, or part thereof, are credited to the income statement if previously written off.

3.7 Financial Liabilities

The Bank recognizes a financial liability in its financial statements at the time of the transaction took place. Financial liabilities primarily include (a) borrowings and (b) other liabilities.

3.7.1 Borrowings

Borrowing transactions which are amounts due to financial institutions and debts evidenced by certificates, are recognized in the statement of financial position at the time the funds are transferred to the Bank. They are measured initially at the fair value of the funds transferred, less any transaction costs. They are subsequently measured at amortized cost unless they qualify for hedge accounting in which case the amortized cost is adjusted for the fair value movements attributable to the risks being hedged. Interest expense is accrued in the income statement within "Interest expense".

3.7.2 Other liabilities

Other liabilities that are not derivatives or designated at FVTPL, are measured at amortized cost. The amounts include accrued finance charges on borrowings and other accounts payable.

3.8 Offsetting of Financial Assets and Liabilities

Offsetting of financial assets and liabilities in the financial statements is permitted if, and only if, there is a currently enforceable legal right to offset the recognized amounts and there is an intention to settle on a net basis, or to realize the asset and settle the liability simultaneously.

3.9 Financial Instruments

In the ordinary course of business, the Bank enters into various types of transactions that involve derivative financial instruments. A derivative financial instrument is a financial contract between two parties, where future payments are dependent upon movements in price in one or more underlying financial instruments, reference rates or indices.

The Bank primarily makes use of derivatives for the below strategic purposes:

- Many of the Bank's issued securities, excluding commercial paper, are individually paired with a swap to convert the issuance proceeds into the currency and interest rate structure sought by the Bank.
- To manage the net interest rate risks and foreign exchange risks arising from all financial assets and liabilities.
- Through currency swaps, to manage funding requirements for the Bank's loan portfolio.

Derivatives can include interest rate and cross currency swaps, forward foreign exchange contracts, interest rate future contracts, and options on interest rates and foreign currencies. Such financial instruments are initially recognized in the statement of financial position (SOFP) at fair value and are subsequently measured at their fair value. They are carried in

NOTES TO THE FINANCIAL STATEMENTS

the SOFP as assets when their fair value is positive and as liabilities when their fair value is negative.

Changes in fair value of derivative financial instruments are included in the income statement. Fair values are obtained from quoted market prices to the extent publicly available, discounted cash flows and options pricing models as appropriate.

The Bank enters into hedging relationships to protect the Bank from financial risks such as currency risk, market risk and interest rate risk. The Bank's policies on risk management are to not take significant interest rate or foreign exchange risks, and to aim where possible to match assets, liabilities and derivatives.

The majority of the Bank's lending activities is at floating rates linked to USD Libor or Euribor. When lending at a fixed rate the Bank will often use interest rate swaps to produce floating rate interest payments.

The Bank's borrowings, particularly bonds issuances, tend to be at a fixed rate and sometimes in currency denominations other than EUR or USD. The Bank in order mitigate the aforementioned underlying risks uses either interest rate or cross currency interest rate swaps to produce floating rate liabilities in USD or EUR.

All the Bank's interest rate or cross currency swaps are explicitly tied to a balance sheet asset or liability. Typically, the fixed rate on the swap and the matching asset or liability has the same characteristics (term, payment dates etc.).

Foreign exchange forwards (paired purchases and sales of currencies on different dates) of maturities typically less than three months are not tied to specific assets or liabilities. These are undertaken to manage surpluses and shortfalls in EUR and USD and are not undertaken for speculative purposes. All derivatives are documented under International Swaps and Derivatives Association (ISDA) master netting agreement with Credit Swap Annexes (CSAs) and marked to market and cash collateralized daily. The Department of Treasury, under the guidance of ALCO and the supervision of the ALM unit, is responsible for the primary usage and managing interest rate and currency risks in the Bank's statement of financial position.

The notional amounts and fair values of the derivative instruments are disclosed in Note 14. The fair value hierarchy level of derivatives is disclosed in Note 5.

3.9.1 Derivatives and hedge accounting

The Bank designates certain derivatives as hedging instruments in respect of foreign currency rate and interest rate risk in fair value or cash flow hedges. The bank does not apply fair value hedge accounting of portfolio of hedges of interest rate risk. In addition, the bank does not use the exception to continue using IAS 39 hedge accounting rules, that is the Bank applies IFRS 9 in full.

In accordance with its wider risk management, as set out in Note 5, when a hedging relationship meets the specified hedge accounting criteria, it is the Bank's strategy to apply either fair value or cash flow hedges based on the exposure being hedged. Transactions that are entered into in accordance with the Bank's hedging objectives, but do not qualify for hedge accounting, are referred to in these financial statements as economic hedge relationships.

At the inception of the hedge relationship, the Bank formally documents how the hedging relationship meets the hedge accounting criteria, by recording the economic relationship between the hedged item and the hedging instrument, the nature of the risk, the risk management objective and strategy for undertaking the hedge as well as the method that will be used to assess the effectiveness of the hedging relationship. Furthermore, both at the inception and on an ongoing basis (at least on each reporting date or upon significant change, whichever comes first), the Bank documents whether an economic relationship exists between the hedging instrument and the hedged item.

In order the Bank to apply hedge accounting, the following requirements must be met:

- There must be an expectation that the fair value or the cash flows of the hedging instrument and the value or the cash flows of the hedged item, will "systematically" change in response to movements in the same underlying(s) that are economically related, providing a degree of offset between the hedged item and the hedging instrument. The assessment relates to expectations about hedge effectiveness and is only forward-looking.
- The effect of credit risk should not dominate the value changes that result from that economic relationship.
- The weightings of the hedged item and the hedging instrument, which define the hedge ratio of the

NOTES TO THE FINANCIAL STATEMENTS

hedging relationship, are the same as that resulting from the quantity of the hedged item that the Bank actually hedges and the quantity of the hedging instrument that the Bank actually uses to hedge that quantity of hedged item.

- If a hedging relationship ceases to meet the hedge effectiveness requirement relating to the hedge ratio but the risk management objective for that designated hedging relationship remains the same, the Bank adjusts the hedge ratio of the hedging relationship by rebalancing the hedge, so that it meets the qualifying criteria again.

For the assessment of hedge effectiveness requirements and when measuring the hedge effectiveness / ineffectiveness, the Bank uses qualitative and supplementary quantitative analysis where applicable. Sources of hedge ineffectiveness between the hedged items and hedging instruments, can arise from:

- Differences in timing of cash flows.
- Different applied discount interest rate curves.
- Non-nil fair value of derivatives at the designation date.
- The effect of changes in counterparties' credit risk on the fair values.

The Bank discontinues hedge accounting prospectively only when the hedging relationship (or a part thereof) ceases to meet the qualifying criteria (after rebalancing, if applicable) or the hedging instrument expires or is sold, terminated or exercised.

The notional amounts and fair values of the derivative instruments designated are disclosed separately in Note 14. Hedge accounting disclosures are provided in Note 5.

3.9.1.1 Fair value hedges

Applying fair value hedge accounting enables the Bank to reduce fair value fluctuations of the recognized fixed rate financial liabilities as if they were floating rate instruments linked to the attributable benchmark rates, thus hedging the exposure that is attributable to interest rate risk/foreign currency risk and could affect reported earnings.

The Bank only hedges changes due to interest rates, such as benchmark rates, which are typically the most significant component of the overall fair value change. The Bank assesses hedge effectiveness by comparing fair value movements of the hedging instruments and the hedged items attributable to changes in these benchmark rates.

For designated and qualifying fair value hedges, the change in the fair value of the qualifying hedging instruments is recognized in profit or loss whereas the carrying value of a hedged item that is not already measured at fair value, is adjusted for the fair value change attributable to the hedged risk in the statement of financial position, with a corresponding entry in profit or loss. The Bank recognizes the hedging gains or losses from the hedging instrument in profit or loss, in the same line as the adjustment for the hedged item ("net fair value gains (losses) on derivative instruments"). Accordingly, any ineffective part is recognized immediately in profit or loss.

Upon discontinuation of hedge accounting, the fair value adjustment to the carrying amount of the hedged item arising from the hedged risk, is amortized to profit or loss from that date, based on how the hedged item impacts profit or loss. If the hedged item is derecognized, the unamortized fair value hedge adjustment included in the carrying amount of the hedged item is recognized immediately in profit or loss.

3.9.1.2 Cash flow hedges

Applying cash flow hedge accounting, the Bank hedges the exposure to the variability in cash flows attributable to interest rate risk and foreign exchange risk associated with a recognized liability that could affect reported earnings.

NOTES TO THE FINANCIAL STATEMENTS

The effective portion of changes in the fair value of the derivative is recognized in Other Comprehensive Income (OCI) and presented in the cash flow hedge reserve within equity ("Cash Flow Hedge Reserve"), whereas any ineffective portion of changes in the fair value of the derivative is recognized immediately in profit or loss.

The amount accumulated in the cash flow hedge reserve is limited to the cumulative fair value hedge of the hedged item from the inception of the Hedge less any amounts recycled to profit or loss.

For assessing the hedge effectiveness, the hypothetical derivative approach is applied, which involves establishing a notional derivative that would be the ideal hedging instrument for the hedged exposure (i.e. swap with a zero fair value at inception of the hedge relationship with the same critical terms as the hedged items) and then use as a proxy for measuring hedge effectiveness, the comparison between the cumulative changes in the fair value of the hypothetical derivative and the fair value of the actual hedging instrument.

Provided that the hedged cash flows are no longer expected to occur, then the Bank immediately reclassifies the amount in the cash flow hedge reserve from OCI to profit or loss, however on hedge discontinuations, if the hedged cash flows are

still expected to occur, then the amount accumulated in the cash flow hedge reserve is not reclassified until the hedged cash flows affect profit or loss.

3.10 Financial Guarantees

Issued financial guarantees are initially recognized at their fair value, being the premium (fee) received and subsequently measured at the higher of the unamortized balance of the related fees received and deferred, and the expenditure required to settle the commitment at the financial position date. The latter is recognized when it is both probable that the guarantee will require to be settled and that the settlement amount can be reliably estimated. Financial guarantees are recognized within other financial assets and other financial liabilities.

3.11 Property and Equipment

Property and equipment include leasehold improvements and transportation and other equipment. Property and equipment are initially recorded at cost, which includes all costs that are required to bring an asset into operating condition. Subsequently to initial recognition, property and equipment are measured at cost less accumulated depreciation and accumulated impairment losses.

Costs incurred subsequently to the acquisition of an asset, which is classified as property and equipment are capitalized, only when it is probable that they will result in future economic benefits to the Bank beyond those originally anticipated for the asset, otherwise they are expensed as incurred.

At each reporting date the Bank assesses whether there is any indication that an item of property and equipment may be impaired. If any such indication exists, the Bank estimates the recoverable amount of the asset. Where the carrying amount of an asset is greater than its estimated recoverable amount, it is written down immediately to its recoverable amount. Gains and losses on disposal of property and equipment are determined by reference to their carrying amount and are taken into account in determining their gain or loss on disposal.

Depreciation is provided to write off the cost of each asset to their residual values on a straight-line basis over their estimated useful lives. The annual depreciation rates applied were as follows:

-	Transportation vehicles	20.0%
-	Furniture and office accessories	20.0%
-	Personal computers	33.3%
-	Office and telecommunication equipment	20.0%

NOTES TO THE FINANCIAL STATEMENTS

3.12 Intangible Assets

Intangible assets comprise software expenditures and other intangible assets. These assets are amortized on a straight-line basis over the best estimate of their useful lives, which is software for desktops of three years and software for servers of five years. At each reporting date, management reviews intangible assets and assesses whether there is any indication of impairment. If such indications exist an analysis is performed to assess whether the carrying amount of intangible assets is fully recoverable. An impairment loss is made if the carrying amount exceeds the recoverable amount.

3.13 Right of Use Assets

Right-of-use assets comprise those assets that the Bank, as the lessee, has control of the underlying assets during the term of the lease. Control is considered to exist if the Bank has:

- i. The right to obtain substantially all of the economic benefits from the use of an identified asset; and
- ii. The right to direct the use of that asset.

The Bank provides for the recognition of a right-of-use asset and a lease liability upon lease commencement in case that there is a contract, or part of a contract, that conveys to the Bank the right to use an asset for a period of time in exchange for a consideration. More details are provided within the lease accounting policy Note 3.21.

3.14 Taxation

In accordance with Article 52 of the Establishing Agreement, the Bank, its assets, property, income and its operations and transactions are exempt from all taxation and all customs duties in all Member Countries.

The Bank is also exempt from any obligation for payment, withholding or collection of any tax or duty. Also, no tax shall be levied on salaries or emoluments paid by the Bank to employees. These tax exemptions are also included and elaborated upon in Article 12 of the Headquarters Agreement with the Hellenic Government, ratified by Greek Law 2380/No.38/7.3.1996.

3.15 Provisions

The Bank records provisions for present obligations and risks when the following circumstances exist (a) there is an existing legal or constructive obligation as a result of past events (b) for the obligation to be settled an outflow of resources embodying economic benefits is present and (c) a reliable estimate of the amount of the obligation can be made. For provisions that will be settled in a period more than 12 months after the reporting period the respective amounts could be discounted to present value.

3.16 Share Capital and Dividends

In accordance with Article 36 of the Establishing Agreement, the Board of Governors shall determine annually what part of net income or surplus of the Bank from operations shall be allocated to reserves, provided that no part of the net income or surplus of the Bank shall be distributed to members by way of profit until the general reserves of the Bank shall have attained the level of 10% of the subscribed capital including all paid, unpaid but payable, and unpaid but callable share capital.

3.17 Reserves and Retained Earnings

In accordance with the Establishing Agreement of the Bank the general reserve is created from the profits of the Bank for meeting any unforeseeable risks or contingencies. The revaluation reserve represents the accumulated change in fair value of those financial assets that are measured at fair value through other comprehensive income of the Bank. The retained earnings of the Bank is the accumulated undistributed and unallocated net income over the years.

NOTES TO THE FINANCIAL STATEMENTS

3.18 Income and Expense

Interest income and expense are recognized in the income statement using the effective interest method. The effective interest rate (EIR) is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial instrument (or, where appropriate, a shorter period) to:

- The gross carrying amount of the financial asset; or
- The amortized cost of the financial liability.

When calculating the EIR for financial instruments other than purchased or originated credit-impaired assets the Bank estimates future cash flows considering all contractual terms of the financial instrument, but not the ECL. For purchased or originated credit-impaired financial assets (POCI), a credit-adjusted EIR is calculated using estimated future cash flows including the ECL. At the reporting date the Bank had no POCI.

The calculation of the EIR includes transaction costs and fees paid or received that are an integral part of the effective interest rate. Transaction costs include incremental costs that are directly attributable to the acquisition or issue of a financial asset or financial liability.

1. Amortized cost (AC) and gross carrying amount

The AC of a financial asset or financial liability is the amount at which the financial asset or financial liability is measured on initial recognition minus the principal repayments, plus or minus the cumulative amortization using the effective interest method of any difference between that initial amount and the maturity amount and, for financial assets, adjusted for any ECL allowance. The gross carrying amount of a financial asset' is the AC of a financial asset before adjusting for any ECL allowance.

2. Calculation of interest income and expense

Interest income and expense are recognized in the income statement for all interest bearing instruments using the effective interest rate method (EIR). This method is the rate that discounts estimated future receipts or payments, to the gross carrying amount of the financial instrument. The method requires that, in addition to the contractual interest rate attached to a financial instrument, those fees and direct costs associated with the originating the instrument are also recognized as interest income. The EIR is revised as a result of periodic re-estimation of cash flows of floating rate instruments to reflect movements in market rates of interest. Further details are as below:

- b. Loans: represent interest income on loans, however loans that have become credit-impaired subsequent to initial recognition, interest income is calculated by applying the effective interest rate to the net balance of the loan. If the loan is no longer credit-impaired, then the calculation of interest income reverts to the gross basis.
- c. Fixed-income debt securities and other: represents interest income on treasury investments.
- d. Interest and similar expense: represent interest expense on all borrowed funds. The majority of the Bank's borrowings are undertaken through the issuance of bonds or private placements.
- e. Net interest income/(expense) on derivatives: represent interest on derivatives using the contractual interest rate. The Bank does not have a trading portfolio.
- f. Fees and commission income and expense that are integral to the EIR: represents fees and direct costs relating to a loan origination or acquiring an investment security, financing or restructuring and to loan commitments are deferred and amortized to interest income over the life of the instrument using the effective interest rate method.

3. Other Fees and commission

Other fee and commission income including account servicing fees, investment management fees, sales commission, placement fees and syndication fees are recognized as the related services are performed.

NOTES TO THE FINANCIAL STATEMENTS

A contract with a customer that results in a recognized financial instrument in the Bank's financial statements may be partially in the scope of IFRS 9 and partially in the scope of IFRS 15. If this is the case, then the Bank first applies IFRS 9 to separate and measure the part of the contract that is in the scope of IFRS 9 and then applies IFRS 15 to the residual.

Fee and commission income from contracts with customers under the scope of IFRS 15 is measured based on the consideration specified in a contract with a customer. The Bank recognizes revenue when it transfers control over a service to a customer. The adoption of IFRS 15 had no impact on the Bank's financial statements as the execution and completion of the transaction requested by a customer is done at point in time, and this is consistent with the Bank's existing accounting policy.

4. Interest rate benchmark reform

At present the Bank is continuing the usage of Libor as the interest rate benchmark of which the Bank is exposed to, as there is uncertainty to the timing and precise form of the new benchmark that has yet to be finalized.

- g. According to the announcements of the Financial Conduct Authority (FCA), the end of 2021 brought to a close the first major phase of LIBOR cessation with 24 of the 35 LIBOR settings ceasing. Furthermore, the continuation of some USD LIBOR settings through 30 June 2023 is intended only to support the transition of legacy products.
- h. With regard to new industry developments, on 23 November 2022 the FCA announced a consultation on their proposal to require LIBOR's administrator, IBA, to continue to publish the 1-, 3- and 6- month USD LIBOR settings under a different calculation methodology known as "synthetic" until the end of September 2024 for legacy contracts only.

3.19 Staff Retirement and Termination Benefits

The Bank has established a pension plan, where the fund's assets are held separately from the Bank's own assets, for all its eligible employees, consisting of three pillars:

- a. The first pillar is a defined post-employment benefit scheme financed entirely by the Bank. The scheme's funding level and the Bank's contributions are determined on the basis of actuarial valuations performed by qualified, independent actuaries on an annual basis at the end of each annual reporting period. The actuarial valuation uses the projected unit credit method and a number of financial and demographic assumptions. The most significant assumptions include age, years of service or compensation, life expectancy, the discount rate, expected salary increases and pension rates. The actuarial liability is the present value of the defined benefit obligation as at the reporting date minus the fair value of the plan assets. The Bank is under the obligation to maintain the scheme fully funded, and to this effect, has always liquidated any past service deficit over the course of the year following the relevant actuarial valuation.

Actuarial and asset gains or losses are recognized in 'Other comprehensive income', and net gains or losses are included in remeasurements where any change in the effect of the asset ceiling, excluding those amounts that have been already included in personnel expenses, are also included.

- b. The second pillar is a defined post-employment contribution scheme to which both the employee and the Bank contribute equally at a rate of 0-12% of basic salary. The Bank has no obligation to pay further contribution if the employee discontinues their contribution. Each employee determines his/her contribution rate and the mode of investment of the contributions.
- c. The third pillar is a defined contribution scheme funded entirely by each employee, up to 40% of basic salary and is not recorded in the Bank's financial statements.

As an alternative, staff are entitled to retirement benefits from the Greek State Social Insurance Fund (EFKA), which is a defined contribution scheme.

NOTES TO THE FINANCIAL STATEMENTS

Current service costs in respect of both the pension plan (a) and (b) and EFKA are recognized as an expense in the period which they relate and are included in 'Personnel expenses'.

The Bank may offer termination benefits to employees that are separated based on the Bank's separation policy. These benefits, including indemnities and any related retirement benefits, are recognized in income as an expense in the same period they are incurred.

3.20 Related Parties

Related parties include entities, which the Bank has the ability to exercise significant influence in making financial and operational decisions. Related parties include key management personnel, and close family members of key management personnel.

Related parties include special funds that are administered by the Bank.

3.21 Leases – the Bank as a Lessee

On 1 January 2019 the Bank adopted IFRS 16, 'Leases'. This Standard has established the principles for the recognition, measurement and presentation of leases, and provides a single lessee accounting model that is required at the commencement date of the lease. The objective is to report information that (a) faithfully represents lease transactions and (b) provides a basis for the amount, timing and uncertainty of cash flows arising from leases. The Bank as a lessee is required to recognize right-of-use assets (representing the Bank's right to use the underlying leased assets) and a lease liability (representing the Bank's obligation to make lease payments), in the statement of financial position.

The Bank's leases for right-of-use assets are initially recognized and measured at cost similarly to other non-financial assets, and the lease liability is initially recognized and measured at the present value of future lease payments that are not paid at that date similarly to other financial liabilities. The lease payments can be discounted using the interest rate implicit in the lease, if such is available, or alternatively the Bank's incremental borrowing rate. The Bank will apply this measurement – except for those with lease term of 12 months or less, making use of the short-term leases and leases of low value, exemptions under this Standard.

Regarding subsequent measurement, the Bank acting as a lessee, has applied the cost model for the measurement of the right-of-use asset; where this asset is measured at cost, less any accumulated depreciation and any accumulated impairment losses, and adjusted for the remeasurement of the lease liability. The lease liability is measured by increasing the carrying amount to reflect any interest on it and that is separately recognized as an expense; the lease liability's carrying amount is reduced to reflect the lease payments made. In case of any reassessments (e.g., a change in future lease payments resulting from a change in an index or rate used to determine those payments) or lease modifications (e.g., a change in the lease term, lease conditions or any penalty) specified, the carrying amount of the lease liability will be remeasured to reflect revised lease payments.

NOTES TO THE FINANCIAL STATEMENTS

4. SIGNIFICANT ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

The preparation of the Bank's financial statements requires Management to make judgements, estimates and assumptions that affect the reported amounts of assets and liabilities, income and expense and accompanying notes. Uncertainty about these assumptions and estimates could result in outcomes that require a material adjustment to the carrying amount of assets and liabilities affected in future periods. The Bank believes that the significant judgments, estimates and assumptions used in the preparation of its condensed interim financial statements are appropriate given the factual circumstances as of the date of preparation. The most significant areas, for which critical judgments, estimates and assumptions are required in applying the Bank's accounting policies, are the following:

- a. Fair value estimates for financial instruments measured at fair value.
- b. The ECL is calculated for both Stage 1 and Stage 2 loans by applying the provision rate to the projected exposure at default (EAD) and discounting the resulting provision using the loan's effective interest rate (EIR). The provision rate is generated by multiplying the PD rate and the loss given default (LGD) rate applicable to the loan.

A number of critical accounting estimates are therefore made in the calculation of expected credit losses for loans as follows:

- Criteria used for staging assessment of loans and advances.
- Assumptions for future cashflows of individually assessed loan exposures.
- The input and assumptions used to estimate the impact of multiple economic scenarios.

For the majority of Stage 3 loans the LGD has been estimated using individual assessment impairment exercises. Such estimates are based on discounted cash flow approach incorporating certain assumptions and available information including information relating to collaterals liquidation. For more information refer to Note 12 "Expected Credit Losses".

5. RISK MANAGEMENT

The Bank's activities are subject to a variety of risks, some of which are not within the Bank's control: including risks relating to changes in interest rates, foreign exchange rates, declines in liquidity and deterioration in the credit quality of its loan portfolio. The Bank monitors and manages the maturities of its loans, its interest rate and exchange rate exposure, its liquidity position and the credit quality of each individual loan and equity investment in order to minimize the effects of changes in them relative to the Bank's profitability and liquidity position. The BoD has approved risk management policies and guidelines that are delegated to the Management of the Bank for the identification and measurement of risk, as well as being subject to risk limits and controls.

To manage risks the Bank has established an Asset and Liability Committee (ALCO), a Credit Committee (CC) that implement the Bank's credit and lending policies, the Legal Affairs Department, the Risk Management Department and the Financial Analysis Department, which together are responsible for devising, implementing and monitoring the Bank's risk management policies, including financial, credit and market risks.

The ALCO is responsible for monitoring and managing the Bank's overall asset and liability position in accordance with the Bank's treasury policies. It monitors and manages the Bank's liquidity position, maturity gaps, interest income and expense and the condition of the international financial markets and is responsible for assigning market risk limits. The ALCO consists of members of the Bank's Management and a member of the Treasury Department and has regular monthly meetings.

The Credit Committee is responsible with respect to credit matters. Its key responsibilities include: approval of lending operations for submission to the BoD for final approval, establishing specific parameters (e.g. policies, limits, targets, guidelines) for operational decisionmaking, approval of changes to the manuals that prescribe how operations are to be analyzed, approved, administered and monitored and approval of any amendments, restructuring and other operation-related matters. The Credit Committee consists of members of the Bank's Management, and has regular meetings as required to monitor and manage overall risk concentration by reference to borrower and industry exposure

NOTES TO THE FINANCIAL STATEMENTS

and critically reviews each individual loan and equity investment proposal made by the lending business areas. A major function of the Credit Committee is to minimize the credit risk presented by each individual loan and equity investment proposal, and the overall portfolio risk of the Bank.

Once an operation is approved and disbursed, it is then monitored to ensure thorough and regular evaluations of its credit quality. Operations are monitored according to a schedule coordinated by the of Project Implementation and Monitoring Department, with inputs from the originating Operation Teams regarding the availability of financial data. Monitoring reports are completed by the Bank's Project Implementation and Monitoring Department based on financial analysis prepared by the Financial Analysis Department. Risk asset reviews, based on the previously mentioned monitoring reports, are performed by the Risk Management Department, and may result in a downgrade or upgrade of an operation's status and, if a significant deterioration is noted, trigger an impairment test.

Should an operation display signs of weakness during the regular monitoring and/or through risk asset reviews, an impairment test is immediately carried out by the Risk Management Department and appropriate remedial actions are taken, as required. These measures include, but are not limited to, a detailed assessment of the financial and operational performance of the operation, additional due diligence, stopping disbursement of any undisbursed amounts, preparation of remedial strategies and carrying out further impairment tests. Besides, in addition to regular site visits carried out by the Operations Teams, such a visit can be conducted by the Project Implementation and Monitoring Department and, when appropriate, accompanied by the Financial Analysis Department.

For the Bank a conservative approach to risk taking together with effective risk management, are critical to the Bank's continuing operations. The application of sound banking principles in the Bank's credit process seeks to ensure that the significant credit risks are properly identified and managed while other risks resulting from its activities are mitigated to the extent possible.

Importantly, the Bank is recognized as an international financial institution, and as such can expect to benefit from the preferred creditor status customarily and historically afforded to such institutions. This preferred creditor status serves to provide an additional layer of comfort against the risks of nonpayment on sovereign debt or by private sector borrowers as a result of local laws creating a delay or freeze on foreigncurrency exchanges. The Bank is exposed to the following risks discussed below.

Financial Risk

The Bank's exposure to financial risk is through its financial assets and financial liabilities including any receivables from these financial assets. The key aspects of the Bank's financial risk are (i) credit risk (ii) liquidity risk and (iii) market risk.

a) Credit risk

The Bank is subject to credit risk, which is the risk that customers or counterparties will be unable to meet their obligations as they fall due. Credit risk arises principally from the Bank's lending activities as well as other activities where the Bank is exposed to counterparty default risk. Regular reviews by the departments of Risk Management, Financial Analysis and Project Implementation and Monitoring are conducted of all exposures within the lending portfolios, typically on a semi-annual basis, though exposures that are perceived to be more vulnerable to possible default are reviewed more frequently.

At each review there is (i) an assessment of whether there has been any change in the risk profile of the exposure (ii) recommendations of actions to mitigate risk and (iii) reconfirming or adjusting the risk ratings, and for equity investments, reviewing of fair value. Where relevant, the level of the expected credit loss is evaluated and reconfirmed or adjusted. Responsibility for operations considered to be in jeopardy may be transferred from the original lending department to a corporate recovery team in order to most effectively manage the restructuring and recovery process.

For credit risks incurred by the Bank's Treasury in its investment and hedging activities, the BoD has approved policies and guidelines for the determination of counterparty and investment exposure limits in bonds, that includes Member State bonds, and euro commercial paper. The Bank's Risk Management Department assigns and monitors these counterparty and issuer credit risk limits. Treasury credit risks are also reviewed on a regular basis by the Bank's ALCO. For the reporting year derivatives included in the SoFP derivatives financial instruments-assets an amount of EUR 42,338 thousand the corresponding cash collateral received was EUR 14,420 thousand, and derivatives financial instruments-liabilities an amount of EUR 148,624 thousand the corresponding cash collateral received was 114,430 thousand.

NOTES TO THE FINANCIAL STATEMENTS

The table below summarizes the maximum exposure to credit risk without taking into consideration collateral, other credit enhancements or expected credit loss.

Presented in EUR (000)	Principal type of collateral held	At 31 December 2022	At 31 December 2021
Cash and due from banks		208,338	170,175
Deposits in margin accounts		114,430	30,740
Debt investment securities		525,224	652,448
Derivative financial instruments	Deposits in margin accounts	42,338	24,279
Loans	Sovereign, property, other	2,056,336	2,344,438
Equity investments		12,440	25,777
Accrued interest receivable		38,054	27,181
Other assets		17,054	18,181
On-balance-sheet		3,014,214	3,293,219
Undrawn commitments	Sovereign, property, other	118,937	237,471
Total		3,133,151	3,530,690

a1. Analysis by rating agency

The tables below provide an analysis of financial assets, excluding loans which are separately provided below in credit risk analysis, in accordance with their Moody's (or if not by Moody's than the equivalent of Standard and Poor's or Fitch) rating, as follows.

	2022					
Presented in EUR (000)	Aaa – Aa3	A1 – A3	Baa1 – B3	Caa1 – C3	Unrated	Total
Analysis by Moody's rating						
Cash and bank balances	91,647	94,789	12,671	-	9,231	208,338
Deposits in margin accounts	-	106,350	8,080	-	-	114,430
Debt investment securities	8,857	466,258	46,237	3,872	-	525,224
Derivatives financial instruments	-	-	-	-	42,338	42,338
Equity investments	-	-	-	-	12,440	12,440
Accrued interest receivable	-	-	-	-	38,054	38,054
Other assets	-	-	-	-	17,054	17,054
At 31 December	100,504	667,397	66,988	3,872	119,117	957,878
Of which issued by						
Corporates/governments	8,857	466,258	46,237	3,872	12,440	537,664
Cash deposits at banks	91,647	201,139	20,751	-	9,231	322,768
Other	-	-	-	-	97,446	97,446
At 31 December	100,504	667,397	66,988	3,872	119,117	957,878
Of which classified as						
Fair value through profit or loss	-	-	-	-	42,338	42,338
Fair value through OCI	8,857	466,258	46,237	3,872	12,440	537,664
Amortized cost	91,647	201,139	20,751	-	64,339	377,876
At 31 December	100,504	667,397	66,988	3,872	119,117	957,878

NOTES TO THE FINANCIAL STATEMENTS

	2021					
Presented in EUR (000)	Aaa – Aa3	A1 – A3	Baa1 – B3	Caa1 – C3	Unrated	Total
Analysis by Moody's rating						
Cash and bank balances	170,175	-	-	-	-	170,175
Deposits in margin accounts	20,100	10,640	-	-	-	30,740
Debt investment securities	9,063	553,167	90,218	-	-	652,448
Derivatives financial instruments	-	-	-	-	24,279	24,279
Equity investments	-	-	-	-	25,777	25,777
Accrued interest receivable	-	-	-	-	27,181	27,181
Other assets	-	-	-	-	18,181	18,181
At 31 December	199,338	563,807	90,218	-	95,418	948,781
Of which issued by						
Corporates/governments	9,063	553,167	90,218	-	25,777	678,225
Cash deposits at banks	190,275	10,640	-	-	-	200,915
Other	-	-	-	-	69,641	69,641
At 31 December	199,338	563,807	90,218	-	95,418	948,781
Of which classified as						
Fair value through profit or loss	-	-	-	-	25,070	25,070
Fair value through OCI	9,063	553,167	90,218	-	24,986	677,434
Amortized cost	190,275	10,640	-	-	45,362	246,277
At 31 December	199,338	563,807	90,218	-	95,418	948,781

a2. Credit risk analysis

The tables below provide an analysis of the Bank's internal expected credit loss rating scale from 1 (lowest risk) to 15 (highest risk) and how it corresponds to the external ratings of Moody's credit rating service.

Risk rating	Internal risk rating category	External rating equivalent	Grade of investment
1	Excellent	Aaa	Investment
1	Very strong	Aa1 – Aa3	Investment
2	Strong	A1 – A3	Investment
3,4,5	Good	Baa1 – Baa3	Investment
6,7,8	Fair	Ba1 – Ba3	Investment
9,10,11	Weak	B1 – B3	Investment
12,13,14	Special attention	Caa1 – Caa3	Classified
15	Expected loss	Ca – C	Classified

NOTES TO THE FINANCIAL STATEMENTS

a3. Credit risk in loans portfolio

The following tables presents loans measured at amortized cost by IFRS 9 Stage and credit quality, as well as loans that are measured at fair value through profit or loss by credit quality, at 31 December 2022 and 31 December 2021.

Loans at amortized cost: presented in EUR (000)

Internal risk rating category	12-month ECL Stage 1	Lifetime ECL Stage 2	Lifetime ECL Stage 3	Total	ECL allowance			Total
					12-month ECL Stage 1	Lifetime ECL Stage 2	Lifetime ECL Stage 3	
Excellent	-	-	-	-	-	-	-	-
Very strong	-	-	-	-	-	-	-	-
Strong	-	-	-	-	-	-	-	-
Good	-	-	-	-	-	-	-	-
Fair	586,023	-	18,375	604,398	508	-	6,092	6,600
Weak	383,524	290,177	-	673,701	628	1,082	-	1,710
Special attention	10,208	578,786	147,490	736,484	66	35,432	41,281	76,779
Expected loss	-	-	26,403	26,403	-	-	21,387	21,387
At 31 December 2022	979,755	868,963	192,268	2,040,986	1,202	36,514	68,760	106,476

Loans at amortized cost: presented in EUR (000)

Internal risk rating category	12-month ECL Stage 1	Lifetime ECL Stage 2	Lifetime ECL Stage 3	Total	ECL allowance			Total
					12-month ECL Stage 1	Lifetime ECL Stage 2	Lifetime ECL Stage 3	
Excellent	-	-	-	-	-	-	-	-
Very strong	-	-	-	-	-	-	-	-
Strong	-	-	-	-	-	-	-	-
Good	3,053	-	-	3,053	1	-	-	1
Fair	827,702	-	-	827,702	729	-	-	729
Weak	1,141,657	153,694	19,247	1,314,598	4,226	175	8,297	12,698
Special attention	6,073	126,321	20,036	152,430	27	444	3,327	3,798
Expected loss	-	-	31,641	31,641	-	-	26,997	26,997
At 31 December 2021	1,978,485	280,015	70,924	2,329,424	4,983	619	38,621	44,223

Loans at fair value: presented in EUR (000)

Internal risk rating category	Fair value 2022	Fair value 2021
Excellent	-	-
Very strong	-	-
Strong	-	-
Good	10,610	10,004
Fair	-	-
Weak	-	-
Special attention	4,740	5,010
Expected loss	-	-
At 31 December	15,350	15,014

NOTES TO THE FINANCIAL STATEMENTS

a4. Credit risk by country and sector

The Bank is restricted to operating in its 11 Member States and individual country limits are set as a maximum at 30% of planned commitments. This limit is calculated on the basis of the BoD approved operations, minus repayments and cancellations. Individual operations are further constrained by the Single Obligor Limit and by monitoring of Sectoral Exposure.

The concentration of credit risk in lending portfolios is presented below, also including the undrawn amounts. The Bank is generally well diversified by country and by sector.

Presented in EUR (000)	At 31 December 2022		At 31 December 2021	
	Outstanding balance	Undrawn commitments	Outstanding balance	Undrawn commitments
Concentration by instrument				
Loans	2,056,336	73,360	2,344,438	208,203
Equity investments	12,440	4,000	25,777	6,833
Guarantees	-	41,577	-	22,435
At end of year	2,068,776	118,937	2,370,215	237,471
Concentration by country				
Albania	10,392	12	29,673	27
Armenia	79,225	90	108,823	4,507
Azerbaijan	12,649	12	49,438	12
Bulgaria	259,364	12,542	248,397	57,946
Georgia	49,635	6,229	52,921	20,004
Greece	277,790	60,316	335,926	100,192
Moldova	52,768	1,012	48,686	27
Romania	202,202	11,693	224,213	29,055
Russia	400,994	17,943	477,945	8,236
Türkiye	460,510	806	507,258	5,459
Ukraine	263,247	8,282	286,935	12,006
At end of year	2,068,776	118,937	2,370,215	237,471
Concentration by sector				
Consumer discretionary	85,484	8,000	91,695	8,659
Consumer staples	218,057	7,808	217,544	20,000
Energy	55,818	52,026	57,251	92,395
Financial institutions	322,594	5,000	541,638	23,609
Health care	107,946	-	107,456	4,616
Industrials	407,969	4,526	510,462	4,526
Information technology	-	-	3,976	-
Materials	316,205	-	318,048	26,488
Real estate	95,901	-	99,736	25,954
Telecom services	-	-	-	-
Utilities	458,802	41,577	422,409	31,224
At end of year	2,068,776	118,937	2,370,215	237,471
Incurred by				
Sovereign	340,570	41,050	356,314	95,669
Non-sovereign	1,728,206	77,887	2,013,901	141,802
At end of year	2,068,776	118,937	2,370,215	237,471

NOTES TO THE FINANCIAL STATEMENTS

a5. Collateral and credit enhancements

The Bank mitigates credit risk by holding collateral and other credit enhancements against exposure to customers and counterparties where it believes such is necessary. This is defined by the Bank as mechanisms, procedures and assets negotiated in transactions that are meant to protect against loss in case of non-performance. Collateral includes, but is not limited to, material assets, financial instruments, guarantees, covenants and comfort letters.

Loans and advances. The BoD approved guidelines for taking security under lending operations, set the levels and types of collateral and other credit enhancements recommended for a given risk profile. The main types of collateral that may be obtained by the Bank are: mortgages on properties and equipment, pledges of equity shares and investment instruments, assignment of rights on certain contracts, cash or blocked deposits and other third party guarantees. If necessary, the Bank reassesses the value of collateral in order to determine if additional collateral is needed to be provided by the borrower, or project sponsors to partially mitigate the credit risk for non-sovereign loans. The Bank also benefits from sovereign exposure loans that are fully secured and are included in the collateral portfolio (see Note a4).

Although this collateral is primarily illiquid it is closely correlated to the performance of the relevant loan operating assets, and it does however provide the Bank with some rights and negotiating leverage that help mitigate the overall credit risk. The tables below indicate the amount of identifiable collateral and credit enhancements for loans and the related Stage.

Presented in EUR (000)	2022	2021
Property	671,202	704,050
Debt securities	2,020	2,020
Other	115,448	112,021
Non-sovereign	788,670	818,091
Sovereign	381,620	451,983
Collateral and credit enhancements	1,170,290	1,270,074

Presented in EUR (000)	2022	2021
States 1 and 2	1,008,496	1,231,210
Stage 3	161,794	38,864
Collateral and credit enhancements	1,170,290	1,270,074

- Other financial instruments. Collateral held as security for financial assets is determined by the nature of the instrument. Bonds and euro commercial paper held by the Bank as investment securities are generally unsecured. The Bank may also hold collateral in 'S' banking accounts in the Russian Federation. The Bank may hold cash as collateral against its derivative contract counterparties, at 31 December 2022 the Bank had pledged as collateral for derivative transactions a net amount of EUR 100,010 thousand (2021: EUR 14,150 thousand).

b) Liquidity risk

Liquidity risk arises in the general funding of the Bank's financing and investment activities and in the management of positions. It concerns the ability of the Bank to fulfill its financial obligations as they become due and is a measure of the extent to which the Bank may require funds to meet those obligations. It involves both the risk of unexpected increases in the cost of funding the portfolio of assets at appropriate maturities and rates and the risk of being unable to liquidate a position in a timely manner on reasonable terms.

The Bank's liquidity policy aims to balance the term and currency structure of the Bank's assets and liabilities. Liquidity management is concentrated on the timing of cash in-flows and out-flows, as well as the adequacy of available cash and liquid securities. The Bank maintains liquid assets at prudential levels to ensure that cash can quickly be made available to honor all its obligations, even under adverse conditions and that the Bank has access to the funds necessary to satisfy customer needs, maturing liabilities and its own working capital requirements. For this, the Bank estimates all expected cash flows from assets and liabilities.

NOTES TO THE FINANCIAL STATEMENTS

The Bank takes into consideration, to the extent feasible, the guidance documents issued by the Basel Committee on Banking Supervision. The Bank sets limits to control its liquidity risk exposure and vulnerabilities and regularly reviews such limits. The limit framework includes also measures ensuring that in a period of market stress, available liquidity exceeds liquidity needs so that the Bank can continue to operate.

The Bank's commitment to maintaining a strong liquidity position is established in policies approved by the BoD. The liquidity policy requires that the Bank maintain its liquidity position at a minimum of 50% of the following 12 months' net cash requirement, including committed undisbursed project and trade finance loans.

The Bank's liquidity position is monitored regularly, and the ALCO is primarily responsible for the management of liquidity risk and the liquidity profile of the Bank. The Bank's liquid assets are maintained in short-term and negotiable securities that primarily are: (i) cash and bank balances (ii) short term deposits with investment grade rated counterparties (iii) Euro-denominated commercial paper issued by investment grade parties and (iv) investment grade bonds.

The table below presents the maturity profile of the undiscounted cash flows for financial liabilities placed based on the remaining period from the financial position date to the contractual maturity date. It indicates the earliest maturity dates that the Bank's counterparties have the ability to demand repayment.

The figures represent undiscounted cash flows (except for derivatives liabilities), and include estimated interest amounts, and therefore do not match to the statement of financial position.

Contractual maturities for financial liabilities at 31 December 2022 and 31 December 2021 were:

Presented in EUR (000)	Up to 1 month	From 1 month to 3 months	From 3 months to 1 year	From 1 year to 5 years	Over 5 years	Total
Borrowings	-	21,837	410,287	1,157,106	513,647	2,102,877
Derivative financial instruments	-	-	9,841	18,609	120,174	148,624
Other and lease liabilities	-	19,788	621	-	-	20,409
Financial Liabilities at 31 December 2022	-	41,625	420,749	1,175,715	633,821	2,271,910
Borrowings	22,073	60,808	330,493	1,371,971	690,781	2,476,126
Derivative financial instruments	-	1,854	3,087	14,732	26,196	45,869
Other and lease liabilities	-	3,843	8,684	-	-	12,527
Financial Liabilities at 31 December 2021	22,073	66,505	342,264	1,386,703	716,977	2,534,522

c) Market Risk

Market risk is the risk that changes in foreign exchange rates, interest rates or market prices of financial instruments may result in losses to the Bank. Market risk arises on such instruments that are valued at current market prices (mark to market basis) or those valued at cost plus any accrued interest (accruals basis).

The Bank funds its operations by using the Bank's own share capital and by borrowing on the international capital markets. The Bank aims to match, wherever possible, the currencies, tenors and interest rate characteristics of its borrowings with those of its lending portfolios. When necessary, the Bank uses derivative instruments to reduce its exposure to exchange rate and interest rate risks.

The Board has approved risk management policies and limits within which exposure to market risk is monitored, measured and controlled. The ALCO monitors and manages these risks while the asset and liability function within the Treasury Department has primary responsibility for ensuring compliance with these policies and limits.

NOTES TO THE FINANCIAL STATEMENTS

c1. Foreign exchange risk

The Bank's risk management policies seek to minimize currency exposures or any unanticipated changes, favorable or unfavorable, in foreign exchange rates that could affect the income statement, by requiring net liabilities in any one currency to be matched closely with net assets in the same currency. The Bank will not take discretionary currency positions. This is achieved primarily by holding or lending the proceeds of the Bank's borrowings in the currencies in which they were borrowed.

The Bank regularly monitors its assets and liabilities in order to ensure the Bank takes no significant foreign exchange risks and, after swap activities, adjusts the net asset currency composition to the Bank's functional currency to maintain a matched foreign exchange position. As a matter of policy, the Bank aims to keep foreign exchange exposure as close to zero as possible, with exceptions to this practice requiring approval from the ALCO. For local currency transactions the Bank matches the operation's currency with borrowings in the same currency, as such there is no material exposure. The tables below provide a currency breakdown of the Bank's assets and liabilities, showing that the effect of any currency fluctuations on the net exposure is minimal.

At 31 December 2022					
Presented in EUR (000)	Euro	United States Dollar	Swiss franc	Other	Total
Assets					
Cash and due from banks	118,008	68,658	-	21,672	208,338
Deposits in margin accounts	114,430	-	-	-	114,430
Debt investment securities	354,329	170,895	-	-	525,224
Derivative financial instruments	14,632	27,414	-	292	42,338
Loans	1,338,099	684,297	-	33,940	2,056,336
Accrued/deferred income	31,187	(4,595)	-	(134)	26,458
Expected credit losses on loans	(78,976)	(27,451)	-	(49)	(106,476)
Equity investments	8,167	4,187	-	86	12,440
Accrued interest receivable	24,470	13,327	-	257	38,054
Other assets	17,054	-	-	-	17,054
Total	1,941,400	936,732	-	56,064	2,934,196
Liabilities					
Borrowings	362,009	845,357	356,556	351,733	1,915,655
Margin accounts	14,420	-	-	-	14,420
Derivative financial instruments	118,097	30,527	-	-	148,624
Other and lease liabilities	20,409	-	-	-	20,409
Total	514,935	875,884	356,556	351,733	2,099,108
Currency balance at 31 December 2022	1,426,465	60,848	(356,556)	(295,669)	835,088

NOTES TO THE FINANCIAL STATEMENTS

At 31 December 2021

Presented in EUR (000)	Euro	United States dollar	Swiss franc	Other	Total
Assets					
Cash and due from banks	79,921	88,793	-	1,461	170,175
Deposits in margin accounts	30,740	-	-	-	30,740
Debt investment securities	375,444	277,004	-	-	652,448
Derivative financial instruments	7,914	15,394	-	971	24,279
Loans	1,565,941	703,859	-	74,638	2,344,438
Deferred income	(9,724)	(4,694)	-	(282)	(14,700)
Expected credit losses on loans	(38,510)	(1,574)	-	(4,139)	(44,223)
Equity investments	12,588	13,109	-	80	25,777
Accrued interest receivable	12,830	8,103	-	6,248	27,181
Other assets	18,181	-	-	-	18,181
Total	2,055,325	1,099,994	-	78,977	3,234,296
Liabilities					
Borrowings	443,098	998,702	339,530	493,071	2,274,401
Margin accounts	16,590	-	-	-	16,590
Derivative financial instruments	29,261	16,608	-	-	45,869
Other and lease liabilities	12,527	-	-	-	12,527
Total	501,476	1,015,310	339,530	493,071	2,349,387
Currency balance at 31 December 2021	1,553,849	84,684	(339,530)	(414,094)	884,909

c2. Interest rate risk

Interest rate risk is the risk that the value of a financial instrument will fluctuate, favorably or unfavorably, due to changes in market interest rates. The length of time for which the rate of interest is determined on a financial instrument indicates to what extent it is exposed to that interest rate risk.

The Bank's interest rate risk management activities aim to enhance profitability, by limiting the effect on asset values of adverse interest rate movements in order to increase net interest income by managing interest rate exposure. The majority of the Bank's loan portfolio is variable interest rate and the Bank has a policy aimed at minimizing interest rate mismatches between its assets and liabilities that seeks to ensure that the interest rate payment periods for its liabilities are matched as closely as possible to interest rate payment periods for the Bank's assets. As a matter of policy, the Bank does not take discretionary interest rate positions.

The tables below provide information of the Bank's interest rate risk exposure on non-trading financial assets and liabilities. The Bank's assets and liabilities are included at carrying amount and categorized either on the contractual maturity date of the financial instruments (including derivative financial instruments) or, in the case of instruments that re-price to a market rate of interest before maturity, the next re-pricing date as at the financial position date.

NOTES TO THE FINANCIAL STATEMENTS

At 31 December 2022	Interest bearing					Non-interest bearing	Total
	Up to 1 month	From 1 month to 3 months	From 3 months to 1 year	From 1 year to 5 years	Over 5 years		
Presented in EUR (000)							
Assets							
Cash and due from banks	208,331	-	-	-	-	7	208,338
Deposits in margin accounts	114,430	-	-	-	-	-	114,430
Debt investment securities	55,000	416,409	10,963	42,852	-	-	525,224
Derivative financial instruments	-	-	15,814	20,716	5,808	-	42,338
Loans	482,932	362,423	514,753	466,353	229,875	-	2,056,336
Equity investments	-	-	-	-	-	12,440	12,440
Accrued interest receivable	-	-	-	-	-	38,054	38,054
Other assets	-	-	-	-	-	17,054	17,054
Total	860,693	778,832	541,530	529,921	235,683	67,555	3,014,214
Liabilities							
Borrowings	-	326,629	477,763	742,366	359,877	9,020	1,915,655
Margin accounts	-	-	-	-	-	14,420	14,420
Derivative financial instruments	-	-	9,841	18,609	120,174	-	148,624
Other and lease liabilities	-	-	-	-	-	20,409	20,409
Total	-	326,629	487,604	760,975	480,051	43,849	2,099,108
Interest rate risk at 31 December 2022	860,693	452,203	53,926	(231,054)	(244,368)	23,706	915,106

At 31 December 2021	Interest bearing					Non-interest bearing	Total
	Up to 1 month	From 1 month to 3 months	From 3 months to 1 year	From 1 year to 5 years	Over 5 years		
Presented in EUR (000)							
Assets							
Cash and due from banks	170,174	-	-	-	-	1	170,175
Deposits in margin accounts	-	-	-	-	-	30,740	30,740
Debt investment securities	166,545	242,122	123,561	120,220	-	-	652,448
Derivative financial instruments	-	-	-	23,782	497	-	24,279
Loans	436,401	429,322	667,522	811,193	-	-	2,344,438
Equity investments	-	-	-	-	-	25,777	25,777
Accrued interest receivable	-	-	-	-	-	27,181	27,181
Other assets	-	-	-	-	-	18,181	18,181
Total	773,120	671,444	791,083	955,195	497	101,880	3,293,219
Liabilities							
Borrowings	22,073	266,343	450,956	1,524,093	-	10,936	2,274,401
Margin accounts	-	-	-	-	-	16,590	16,590
Derivative financial instruments	-	1,854	3,087	14,732	26,196	-	45,869
Other and lease liabilities	-	-	-	-	-	12,527	12,527
Total	22,073	268,197	454,043	1,538,825	26,196	40,053	2,349,387
Interest rate risk at 31 December 2021	751,047	403,247	337,040	(583,630)	(25,699)	61,827	943,832

NOTES TO THE FINANCIAL STATEMENTS

c3. Sensitivity analysis

Currency risk sensitivity

The Bank is marginally sensitive to exchange rate fluctuations of the US dollar and the Euro. The Bank's paid-in capital is held in Euro and the Bank's loan portfolio is typically denominated as 60% Euro, 30% US dollar and 10% other local currencies. In addition, the Bank's administrative expenses are denominated in Euro, and the Bank's income is typically denominated as 60% Euro, 30% US dollar and 10% other local currency. The Bank has addressed this sensitivity to currency risk by increasing its percentage of loans denominated in Euro, and therefore increasing its Euro denominated income and would not had a significant impact.

Interest rate sensitivity

The Bank's interest rate sensitivity analysis comprises two elements. Firstly, there is the differential between the interest rate the Bank earns on its assets and the cost of borrowing to fund these assets. For this element the Bank does, as closely as possible, match interest rate periods, thus minimizing or even eliminating sensitivity. Secondly, there is the absolute rate earned on assets that are funded by the Bank's member's equity resources. The majority of the Bank's member's equity resources are currently invested in the Bank's loan portfolio at floating rates; therefore, subjecting earnings on member's equity resources to a minor degree of fluctuation.

The table below details the re-pricing gap by currency. A parallel upward or downward shift in the EUR and USD curves of 50 basis points would have generated the maximum loss or gain respectively.

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Euro	1,709,000	2,142,000
United States dollar	(457,000)	(973,000)
Total re-pricing gap	1,252,000	1,169,000
Shift of 50 basis points in the EUR curve	6,262	5,846

The impact on net interest income (NII) is calculated under the scenario of an instantaneous parallel shift of interest rates by 50 basis points yield curve. At 31 December 2022 the impact on NII under this scenario would had decreased net loss to EUR-21,324 thousand or increased net loss to EUR-33,848 thousand (2021: increased net income to EUR 49,743 thousand or decreased net income to EUR 38,051 thousand).

Consequently, the impact on other comprehensive income as the fair value movement would had decreased total comprehensive loss to EUR-41,659 thousand or increased total comprehensive loss to EUR -54,183 thousand (2021: increased total comprehensive income to EUR 47,860 thousand or decreased total comprehensive income to EUR 36,168 thousand).

c4. Hedges of interest rate risk and foreign currency risk

Fair value hedges

The Bank uses pay floating/receive fixed interest rate and cross-currency interest rate swaps to hedge the interest rate and foreign currency risks, deriving from its issuance of both Euro and denominated in foreign currencies debt (mainly USD, AUD and RON). The Bank hedges interest rate risk to the extent of the benchmark interest rate exposure of the floating leg (mainly Euribor, USD Libor). Provided that the aforementioned exposures satisfy the hedge accounting criteria (see Note 3.9.1), these are designated in fair value hedges.

Upon designation, the fair value change on the qualifying hedging instruments is recognized in profit or loss. Also, the change in fair value of the hedged item attributable to the hedged risk is recognized in the same line item in profit or loss. If the carrying amount of the hedged item is not already measured at fair value (measured

NOTES TO THE FINANCIAL STATEMENTS

at cost or amortized cost), then it is adjusted accordingly, with a corresponding entry. The Bank recognizes any ineffective portion of the fair value hedge relationships in income statement.

Upon hedge discontinuation, any hedging adjustment made to a hedged item for which the effective interest method is used, is amortized to profit or loss, by adjusting the effective interest rate from the date on which amortization begins. If the hedged item is derecognized, then the adjustment is recognized immediately in profit or loss.

The Bank establishes a hedge ratio 1:1, by aligning the par amount of the fixed-rate liability and the notional amount of the interest rate and cross currency swap designated as a hedging instrument. Note 3.9.1 sets out more details on the accounting policy of the fair value hedges.

At 31 December 2022, the Bank held the following interest rate and cross currency swaps as hedging instruments in fair value hedges of interest and foreign currency risk.

Presented in EUR (000)		At 31 December 2022
	1–5 years	Over 5 years
Interest Rate Swaps		
Hedge of borrowings / euro notes:		
Nominal amount		199,692
Average fixed interest rate		1.63%
Cross Currency Swaps		
Hedge of borrowings / other notes:		
Nominal amount	95,020	75,491
Average EUR: AUD exchange rate		1.57
Average EUR: PLN exchange rate	4.64	
Average EUR: CZK exchange rate	24.49	
Average EUR: RON exchange rate	4.95	
Average EUR: GBP exchange rate		0.86
Presented in EUR (000)		
	1–5 years	Over 5 years
Interest Rate Swaps		
Hedge of borrowings / euro notes:		
Nominal amount		120,000
Average fixed interest rate		1.44%
Cross Currency Swaps		
Hedge of borrowings / other notes:		
Nominal amount	15,848	19,330
Average EUR: AUD exchange rate		1.56
Average EUR: PLN exchange rate	4.60	

NOTES TO THE FINANCIAL STATEMENTS

The amounts relating to items designated as hedging instruments and hedge ineffectiveness at 31 December 2022 and 31 December 2021 were as follows:

Presented EUR (000)		At 31 December 2022					
	Nominal amount	Carrying amount		Line item in the statement of finan- cial position where the hedging instru- ment is included	Change in fair value used for calculating hedge ineffec- tiveness for 2022	Ineffectiveness recognized in profit or loss	Line item in profit or loss that includes hedge ineffec- tiveness
		Assets	Liabilities				
Interest rate swaps – hedge of borrowings	199,692	-	53,107	Derivative financial instruments – assets/liabilities	(46,989)	(384)	Unrealized fair value (losses) on derivative instruments
Cross currency swaps – hedge of borrowings	170,511	3,914	29,865	Derivative financial instruments – as- sets/liabilities	(22,775)	-	Unrealized fair value (losses) on derivative instruments
Total	370,203	3,914	82,972		(69,764)	(384)	

Presented EUR (000)		At 31 December 2021					
	Nominal amount	Carrying amount		Line item in the statement of finan- cial position where the hedging instru- ment is included	Change in fair value used for calculating hedge ineffec- tiveness for 2021	Ineffectiveness recognized in profit or loss	Line item in profit or loss that includes hedge ineffec- tiveness
		Assets	Liabilities				
Interest rate swaps – hedge of borrowings	120,000	-	6,118	Derivative financial instruments – assets/liabilities	(6,118)	(471)	Unrealized fair value (losses) on derivative instruments
Cross currency swaps – hedge of borrowings	35,178	-	3,176	Derivative financial instruments – as- sets/liabilities	(3,176)	1,389	Unrealized fair value (losses) on derivative instruments
Total	155,178	-	9,294		(9,294)	918	

NOTES TO THE FINANCIAL STATEMENTS

The amounts relating to items designated as hedged items at 31 December 2022 and 31 December 2021 were as follows:

Presented in EUR (000)		At 31 December 2022		
	Carrying amount		Line item in the statement of financial position in which the hedged item is included	Change in value used for calculating hedge ineffectiveness
	Assets	Liabilities		
Euro Notes issued	-	120,000	Borrowings	29,941
Other Notes Issued	-	402,534	Borrowings	30,311
Total	-	522,534		60,252

Presented in EUR (000)		At 31 December 2021		
	Carrying amount		Line item in the statement of financial position in which the hedged item is included	Change in value used for calculating hedge ineffectiveness
	Assets	Liabilities		
Euro Notes issued	-	114,353	Borrowings	5,647
Other Notes Issued	-	30,612	Borrowings	4,566
Total	-	144,965		10,213

At 31 December 2022, there were no amounts related to settled swaps.

Cash flow hedges

As part of the risk management strategy objective, the Bank also uses pay fixed/receive fixed cross-currency interest rate swaps, in order to hedge the exposure to the variability in cash flows attributable to interest rate risk and foreign exchange risk in respect to its issuance of fixed rate notes denominated in foreign currencies (e.g., CHF). When such hedging relationships meet the specified hedge accounting criteria, these are designated in cash flow hedges.

Upon designation, the effective portion of changes in the fair value of the derivatives that are designated and qualify as cash flow hedges is recognized in Other Comprehensive Income (OCI) and accumulated under the heading of cash flow hedge reserve, limited to the cumulative change in fair value of the hedged item from the inception of the hedge. Any ineffective portion of changes in the fair value of the derivative is recognized immediately in profit and loss and is included in the "Unrealized fair value (losses) on derivative instruments" line item.

The Bank establishes a hedge ratio 1:1, by aligning the par amount of the fixed-rate liability and the notional amount of the interest rate and cross currency swap designated as a hedging instrument. Note 3.9.1 sets out more details on the accounting policy of the cash flow hedges.

At 31 December 2022, the Bank designated a pay fixed-receive fixed cross-currency interest rate swap (USD:CHF) in cash flow hedge relationship. The hedging instrument's nominal amount was EUR 152,331 thousand (2021: EUR 143,177 thousand), with the corresponding hedged item being Swiss franc notes issued, as included in the

NOTES TO THE FINANCIAL STATEMENTS

Bank's statement of financial position (under "Borrowings" line item).

For this outstanding hedged designation, the balance in the cash flow hedge reserve amounts to EUR 4,114 thousand loss (2021: EUR 493 thousand loss, see Note 24).

At 31 December 2022, there were no amounts related to settled swaps.

C5. Equity price risk

The Bank has a small equity investments portfolio and as such does not have significant market risk exposure concerning foreign exchange or equity price risk on this portfolio. At 31 December 2022 the Bank's equity investments are classified at FVTOCI.

The Bank takes a long-term approach of its equity investments and has no intention of exiting from any, therefore accepts the short-term volatilities in value from exchange rate and price risk. The Bank expects the effect on net income to be of little to no impact.

Additional sensitivity information for the Bank's equity investments has been included under 'Fair value hierarchy' later in this section and in the Note "Equity investments".

Operational Risk

Like all financial institutions, the Bank is exposed to operational risks arising from its systems and processes. Operational risks include the risks of losses resulting from inadequate or failed internal processes, people, systems, legal, and from external events which could have a negative financial or adverse reputational impact. The Bank has a low tolerance for losses arising from the operational risks the Bank is exposed to.

The Compliance and Operational Risk Management Department (DCR) has oversight on operational risk activities across the Bank. The Bank's operational risk framework is a network of processes, procedures, reports and responsibilities that are used to identify, manage and monitor the operational risks of the Bank. These include committees, working groups, day-to-day practices such as the collection and analysis of key risks, risk of loss incidents and both strategic and work cultural practices. This provides a structured approach to managing operational risk and seeks to apply consistent standards and techniques for evaluating risks across the Bank. The Bank has a comprehensive set of policies and procedures that indicate how operational risks should be managed throughout the Bank.

The sources of operational risk emerge in various ways, including business interruptions, inappropriate behavior of employees (including fraud), failure to comply with applicable laws and regulations or failure of vendors to perform in accordance with their contractual arrangements. These events could result in financial losses, as well as reputational damages to the Bank. The Bank's operational risk management focuses on proactive measures to mitigate the operational risk.

Where any incident may occur the Bank systematically collects, analyses and reports data on that incident to ensure the Bank understands the reasons it occurred and how controls can be improved to reduce or better avoid the risk of any future incident.

The Bank's risk and control assessments of the key operational risks in each business area are comprehensive and primarily bottom-up. They are based on Bank-wide operational risk definitions, that classify risks under a standardize approach, cover the inherent risks of each business area and control function, provide an evaluation of the effectiveness of the controls in place to mitigate these risks, determine the residual risk ratings and require a decision to either accept or remediate any remaining risk.

Concerning cybercrime, which is risk of loss or damage to the Bank's business areas and customers as a result of actions committed or facilitated through the use of networked information systems, the Bank's Information Technologies Department (DIT), and information security policies and procedures ensure that all servers and computers have up to date antivirus software. Backups are made regularly and regular access control checks, system penetration and vulnerability tests along with disaster recovery tests are performed. The Bank's anti-cyberattack controls are checked and aligned with

NOTES TO THE FINANCIAL STATEMENTS

industry best practice by the DIT.

The Bank regularly produces management information reports covering the key inputs and outputs of operational risk. These reports are used to monitor outcomes against agreed targets and tolerance levels. The Bank utilizes the Bank's IT systems and other information tools to ensure operational risks are identified and managed properly.

Overall, the Bank is committed to follow the best practices and market standards in the area of accountability, transparency and business ethics. Due diligence on customers and counterparties takes into consideration the Anti-Fraud Corruption and Monetary Laundering Policy and Know-Your Customer Procedures. The Bank also has a contingency and business continuity plans, and a disaster recovery off-site which aims to ensure the continuity of its operations and protect the interests of all the key stakeholders of the Bank, namely, the member countries, bondholders and other creditors as well as employees and their families, in the event of any disturbance in office locations.

Fair Value Hierarchy

For the above financial instruments measured at fair value, the Bank uses IFRS 13 specifies classification of fair values on the basis of a three-level hierarchy of valuation methodologies. The classifications are determined based on whether the inputs used in the measurement (valuation technique) of fair values are observable or unobservable. These inputs have created the following fair value hierarchy for determining and disclosing.

- **Level 1:** Quoted market prices in active markets for identical assets or liabilities. This level includes equity investments on stock exchanges and listed debt investment securities held at fair value through other comprehensive income.
- **Level 2:** Includes financial instruments valued using: quoted market prices in active markets for similar instruments; quoted prices for identical or similar instruments in markets that are considered less than active; or other valuation techniques in which all significant inputs are directly or indirectly observable from market data. The Bank uses widely recognized valuation models to determine the fair value of common and simple financial instruments, such as interest rate and currency swaps, that use only observable market data and require little management judgement and estimation. The availability of observable market prices and model inputs reduces the need for management judgement and estimation and also reduces the uncertainty associated with determining fair values. The availability of observable market prices and inputs varies depending on the products and markets and is prone to changes based on specific events and general conditions in the financial markets. This level includes derivative financial instruments.
- **Level 3:** Techniques which use inputs that have a significant effect on the recorded fair value that are not based on observable market data. The valuation techniques / models used to determine the fair values are the net asset value (NAV), EBITDA multiples and discounted cash flows (DCF) models. This level includes loans and equity investments held at fair value through profit or loss, and equity investments held at fair value through other comprehensive income.

The tables below identify the Bank's financial instruments measured at fair value and on a recurring basis at 31 December 2022 and 31 December 2021. Financial assets and financial liabilities are classified in their entirety based on the lowest level input that is significant to the fair value measurement.

Presented in EUR (000)	Level 1	Level 2	Level 3	Carrying Amount
Derivative financial instruments – assets	-	42,338	-	42,338
Fair value through profit or loss:				
Loans	-	-	15,350	15,350
Equity investments	-	-	-	-
Fair value through other comprehensive income:				
Debt investment securities	527,652	-	-	527,652
Equity investments	-	-	12,440	12,440
Derivative financial instruments – liabilities	-	(148,624)	-	(148,624)
At 31 December 2022 on recurring basis	527,652	(106,286)	27,790	449,156

NOTES TO THE FINANCIAL STATEMENTS

There have been no transfers between Level 1 and Level 2 during the year.

Presented in EUR (000)	Level 1	Level 2	Level 3	Carrying Amount
Derivative financial instruments – assets	-	24,279	-	24,279
Fair value through profit or loss:				
Loans	-	-	15,014	15,014
Equity investments	-	-	791	791
Fair value through other comprehensive income:				
Debt investment securities	652,448	-	-	652,448
Equity investments	-	-	24,986	24,986
Derivative financial instruments – liabilities	-	(45,869)	-	(45,869)
At 31 December 2021 on recurring basis	652,448	(21,590)	40,791	671,649

Fair Value Measurement in Level 3

The tables provide a reconciliation of the fair values and on a recurring basis of the Bank's Level 3 for loan financial assets of the fair value hierarchy.

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
At 1 January	15,014	12,525
Disbursements	-	1,806
Total gains (losses) recognized in the income statement	336	683
At end of year on recurring basis	15,350	15,014

At 31 December 2022 the fair value of loans through profit or loss EUR 15,350 thousand is calculated based on a discounted payment / cashflows approach using the applicable effective interest rate.

The table provides a reconciliation of the fair values and on a recurring basis of the Bank's Level 3 for equity investments financial assets of the fair value hierarchy.

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
At 1 January	25,777	26,310
Total gains (losses) recognized in the income statement	(791)	-
Total gains (losses) recognized in other comprehensive income	(5,527)	6,047
Disbursements*	924	460
Repayments	(5,684)	(7,169)
Foreign exchange adjustments	-	129
Disposal/exit of equity investments at fair value through OCI**	(2,259)	-
At end of year on recurring basis	12,440	25,777

* Committed capital call or covering general costs, without increase percentage of investment.

** Pursuant to the Bank's accounting policy for equity investments at fair value through other comprehensive income at 31 December 2022 an amount of EUR 1,444 thousand (2021: nil) was disposal/exit of such financial assets and not recycled to the income statement (see Note 16).

Sensitivity Analysis for Level 3

The table below illustrates the valuation techniques used in the determination of fair values for financial instruments within Level 3 of the measurement hierarchy, and on an estimated 5% increase or decrease in net asset value. The significant unobservable input for loans was discounted payments / cashflows using the applicable effective interest rate, and for equity investments was expected net asset value. The Bank considers that market participants would use the same inputs in pricing the financial assets. Management considers that changing the unobservable inputs described below to reflect other reasonably possible alternative assumptions would not result in a significant change in the estimated fair value.

NOTES TO THE FINANCIAL STATEMENTS

Presented in EUR (000)	Valuation techniques	Carrying amount	Favorable change	Unfavorable change
Loans	Discounted cash flows models	15,350	768	(768)
Equity investments	Net asset value and EBITDA multiplies	12,440	622	(622)
At 31 December 2022		27,790	1,390	(1,390)

Presented in EUR (000)	Valuation techniques	Carrying amount	Favorable change	Unfavorable change
Loans	Discounted cash flows models	15,014	751	(751)
Equity investments	Net asset value and EBITDA multiplies	25,777	1,289	(1,289)
At 31 December 2021		40,791	2,040	(2,040)

Loans at fair value through profit or loss mainly comprise convertible loans or loans with an element of performance-based return. Their fair value is calculated based on a discounted payment / cashflows approach using the applicable effective interest rate and provided inputs.

Equity investments comprises the Bank's equity funds and equity participations. NAV multiples are most commonly applied to such direct investments, and recent transactions within sectors are also considered where available. Equity funds are valued based on NAV statements adjusted for applicable market movements observed between the measurement date of the NAV and end of reporting year.

Mentioned model definitions relate to NAV = net asset value; EBITDA = earnings before interest, tax, depreciation and amortization; and DCF = discounted cash flow. Although the Bank believes that its estimates of fair value are appropriate, the use of different methodologies or assumptions could lead to different fair value results.

Financial Instruments not Measured at Fair Value

The table below classifies the Bank's financial instruments that were not carried at fair value into three levels reflecting the relative reliability of the measurement bases, with level 1 as the most reliable.

Presented in EUR (000)	At 31 December 2022			Fair value	Carrying amount
	Level 1	Level 2	Level 3		
Assets					
Cash and due from banks	208,338	-	-	208,338	208,338
Deposits in margin accounts	114,430	-	-	114,430	114,430
Loans at amortized cost	235,370	-	1,677,062	1,912,432	2,040,986
Accrued interest receivable	-	-	38,054	38,054	38,054
Other assets	-	-	17,054	17,054	17,054
Total financial assets	558,138	-	1,732,170	2,290,308	2,418,862
Liabilities					
Borrowings	778,768	564,814	369,209	1,712,791	1,915,655
Margin accounts	14,420	-	-	14,420	14,420
Other and lease liabilities	-	621	19,788	20,409	20,409
Total financial liabilities	793,188	565,435	388,997	1,747,620	1,950,484

NOTES TO THE FINANCIAL STATEMENTS

Presented in EUR (000)	At 31 December 2021			Fair value	Carrying amount
	Level 1	Level 2	Level 3		
Assets					
Cash and due from banks	170,175	-	-	170,175	170,175
Deposits in margin accounts	30,740	-	-	30,740	30,740
Loans at amortized cost	300,761	-	2,035,094	2,335,855	2,329,424
Accrued interest receivable	-	-	27,181	27,181	27,181
Other assets	-	-	18,181	18,181	18,181
Total financial assets	501,676	-	2,080,456	2,582,132	2,575,701
Liabilities					
Borrowings	463,456	1,836,108	-	2,299,564	2,274,401
Margin accounts	16,590	-	-	16,590	16,590
Other and lease liabilities	-	8,684	3,843	12,527	12,527
Total financial liabilities	480,046	1,844,792	3,843	2,328,681	2,303,518

Financial instruments whose values are based on quoted prices for the same instrument in active markets are classified in Level 1. Financial instruments that can trade in markets, which are not considered to be active, but are valued based or alternatively supported by observable inputs are classified in Level 2. Financial instruments that have significant unobservable inputs, and as observable prices are not available the Bank uses valuation techniques to derive the fair value are classified in Level 3. The valuation technique used within Level 3 is discounted cash flows at end of year, with exception of loans in Stage 3 calculated outstanding amount net of expected credit loss as such loans originated by the Bank had little, if any, market activity.

Capital Management

At the inception of the Bank, initial authorized share capital was SDR 1 billion, which was fully subscribed by the Member States. In December 2007 the BoG approved an increase of the Bank's authorized share capital to SDR 3 billion and authorized the offering of SDR 1 billion to the existing Member States for subscription, with the objective of increasing subscribed capital to a total of SDR 2 billion. The increase allows the Bank to implement its operational strategy to a substantial degree. The Bank does not have any other classes of capital.

In October 2008 the above new shares in the amount of SDR 1 billion that were offered for subscription to the Bank's Member States were fully subscribed and allocated. Accordingly, the Bank's paid-in share capital was doubled from SDR 300 million to SDR 600 million. The remaining SDR 1 billion of authorized share capital has not yet been allocated.

Pursuant to Resolution 131 of the BoG, that unanimously adopted the first amendment to the Establishing Agreement, which became effective on 21 June 2013. As of this effective date, and as per Resolution 131 of the BoG, the unit of account of the Bank became the EUR and all of the Bank's authorized share capital was redenominated from SDR to EUR. The conversion rate applied was SDR to EUR fixed at 1:1.15.

The share capital usage of the Bank is guided by statutory and financial policy parameters. Article 15 of the Establishing Agreement limits the total amount of outstanding loans, equity investments and guarantees made for ordinary operations to 150% of the Bank's unimpaired subscribed capital, reserves and surpluses, establishing a 1.5:1 institutional gearing ratio. Additionally, disbursed equity investments shall not at any time exceed an amount corresponding to the Bank's total unimpaired paid-in capital, surpluses and general reserve.

The Bank determines required share capital as the potential losses the Bank may incur based on probabilities consistent with the Bank's credit rating. The main risk categories assessed under the share capital adequacy framework are credit risk, market risk and operational risk, and such total risks are managed within the available share capital base that excludes callable share capital, while maintaining a prudent cushion. A main objective of this framework is to manage the Bank's share capital by providing a consistent measurement of capital headroom over time. The Bank has no expectation for callable share capital to be called, and will prevent this need and use only available risk share capital as reserves, surplus and paid-in.

NOTES TO THE FINANCIAL STATEMENTS

At the 36th meeting of the BoD in 2008, the operational gearing ratio was set at 100% of the Bank's unimpaired paid-up capital, reserves and surpluses, and the usable portion of the callable capital. This limit on the total amount of operations which includes all callable capital is approximately EUR 2.4 billion.

Overall, the Bank preserves an actively managed capital stock to prudently cover risks in its activities. As a multilateral financial institution, the Bank is not subject to regulatory capital requirements. However, the Bank uses standards proposed by the Basel II Capital Accord as a benchmark for its risk management and capital framework. Pursuant to Article 5 of the Establishing Agreement, the BoG shall at intervals of not more than five years review the capital stock of the Bank. In substance, the primary objective of the Bank's capital management is to ensure adequate share capital is available to support the Bank's operations.

6. OPERATING SEGMENTS

The Bank is a multilateral financial institution, which in accordance with the Establishing Agreement, is dedicated to accelerating development and promoting co-operation among the Bank's shareholder countries. The Bank operates in a specific geographical area and the primary reporting format for business segments are the Lending and Treasury operations. Lending activities represent investments in projects such as loans, equity investments and guarantees. Treasury activities include raising debt finance, investing surplus liquidity, and managing the Bank's foreign exchange, liquidity and interest rate risks.

The Bank's primary source of revenues is interest income from above mentioned activities. In addition, the Bank also derives revenues from net fees and commissions and other income that comprised: dividend income, net gains from equity investments at fair value through profit or loss, net gains from loans, net gains from investment securities held at amortized cost and at fair value through profit or loss.

Information on the financial performance of Lending and Treasury activities is prepared regularly and provided to the President, the Bank's chief operating decision-maker. As such, these activities have been identified as the operating segments which the President assesses their performance in a manner associated with the financial statements and consistent with the prior year that is as follows:

Presented in EUR (000)	2022			2021		
	Lending	Treasury	Total	Lending	Treasury	Total
Income statement						
Interest income	142,967	8,301	151,268	97,702	7,469	105,171
Net fees and commissions	1,937	-	1,937	1,971	-	1,971
Other income (loss)	(10)	139	129	178	4,855	5,033
Total segment revenues	144,894	8,440	153,334	99,851	12,324	112,175
Interest expense	(58,205)	(816)	(59,021)	(57,491)	(1,001)	(58,492)
Net interest income (expense) on derivatives	-	4,388	4,388	-	13,799	13,799
	(455)	(15,494)	(15,949)	683	(16,602)	(15,919)
Gains (losses) on other financial instruments	-	(18,980)	(18,980)	-	(559)	(559)
	(21,954)	(1,096)	(23,050)	(19,312)	(1,614)	(20,926)
Foreign exchange	(331)	(8)	(339)	(466)	(12)	(478)
Personnel and administrative expenses						
Depreciation and amortization						
Segment income before ECL	63,949	(23,566)	40,383	23,265	6,335	29,600
Less: ECL / fair value (losses)	(68,085)	116	(67,969)	11,882	2,415	14,297
Income (loss) for the year	(4,136)	(23,450)	(27,586)	35,147	8,750	43,897

NOTES TO THE FINANCIAL STATEMENTS

Presented in EUR (000)	31 December 2022			31 December 2021		
	Lending	Treasury	Total	Lending	Treasury	Total
Financial position						
Segment assets	2,045,135	890,330	2,935,465	2,357,467	877,642	3,235,109
At end of year			2,935,465			3,235,109
Segment liabilities	1,936,064	163,044	2,099,108	2,286,928	62,459	2,349,387
Members' equity	-	-	836,357	-	-	885,722
At end of year			2,935,465			3,235,109

Segment Revenues – Geographic

The Bank's revenues arise from the following areas. Revenues are attributed to the area on the basis of an operation's location in which it operates:

Presented in EUR (000)	Year to 31 December 2022	Year to 31 December 2021
Albania, Bulgaria and Greece	30,805	22,589
Armenia, Azerbaijan, Georgia and Türkiye	46,234	34,104
Moldova Romania, Russian Federation and Ukraine	67,855	43,158
Treasury	8,440	12,324
Total segment revenues	153,334	112,175

7. INTEREST AND SIMILAR INCOME

Interest and similar income are analyzed as follows:

Presented in EUR (000)	Year to 31 December 2022	Year to 31 December 2021
From loans at amortized cost	142,263	97,124
From due from banks	915	88
From debt securities at FVTOCI	7,386	7,381
Total interest income for financial instruments not measured at FVTPL	150,564	104,593
From loans at FVTPL	704	578
Interest and similar income	151,268	105,171

8. INTEREST AND SIMILAR EXPENSE

Interest and similar expense are analyzed as follows:

Presented in EUR (000)	Year to 31 December 2022	Year to 31 December 2021
From borrowed funds	13,212	6,916
From issued debt	44,993	50,575
From other charges	816	1,001
Interest and similar expense	59,021	58,492

NOTES TO THE FINANCIAL STATEMENTS

9. NET INTEREST ON DERIVATIVES

Net interest on derivatives is analyzed as follows:

Presented in EUR (000)	Year to 31 December 2022	Year to 31 December 2021
Interest on derivatives receivable	49,445	47,766
Interest on derivatives payable	(45,057)	(33,967)
Net interest on derivatives	4,388	13,799

10. NET FEES AND COMMISSIONS

Net fees and commissions are analyzed as follows:

Presented in EUR (000)	Year to 31 December 2022	Year to 31 December 2021
Guarantee fees	622	484
Management fees	401	538
Administration fees	56	50
Participation fees	-	398
Surveillance fees	44	37
Prepayment / cancellation fees	577	298
Other fees	237	166
Net Fees and commissions	1,937	1,971

11. PERSONNEL AND ADMINISTRATIVE EXPENSES

Administrative expenses are analyzed as follows:

Presented in EUR (000)	Year to 31 December 2022	Year to 31 December 2021
Salaries and benefits	14,674	12,770
Staff retirement plans	3,523	3,582
Personnel expenses	18,197	16,352
Professional fees and related expenses	1,271	1,568
Utilities and maintenance	1,730	1,523
Other administrative	1,852	1,483
Administrative expenses	4,853	4,574

The average number of staff employed during the year was 117 (2021: 117). The number of staff at 31 December 2022 was 117 (2021: 118). Further analysis of the staff retirement plan is presented in the Note "Employee benefits".

The Bank may also provide personal loans and advances to staff, including those in Management. Such are fully guaranteed by the second pillar of the staff retirement scheme, that installments repaid are deducted within the employee payroll. These amounts are fully repayable prior to departure of that employee and are granted in accordance with the Bank's Human Resources rules and regulations. Staff loans outstanding balance granted is included in other assets (see Note 17).

NOTES TO THE FINANCIAL STATEMENTS

12. EXPECTED CREDIT LOSSES ON LOANS

Loans that are measured at amortized cost are stated net of expected credit loss, which includes also their related expected credit loss on undrawn commitments. A summary of the movements in expected credit loss is as follows:

Presented in EUR (000)	Stage 1	Stage 2	Stage 3	Total
At 31 December 2020	15,499	3,055	37,383	55,937
New loans originated	1,519	-	-	1,519
Release	(4,652)	(2,652)	(1,299)	(8,603)
Transfer	(248)	248	-	-
Impact in net remeasurement (including change in models)	(7,400)	-	2,602	(4,798)
Charge (release) for the year	(10,781)	(2,404)	(1,303)	(11,882)
Foreign exchange and other adjustments	265	(32)	(65)	168
At 31 December 2021	4,983	619	38,621	44,223
New loans originated	288	-	-	288
Release	(180)	(40)	(1,342)	(1,562)
Transfer	(3,623)	3,010	613	-
Impact in net remeasurement (including change in models)	(315)	33,377	36,297	69,359
Charge (release) for the year	(3,830)	36,347	35,568	68,085
Write-offs/ recoveries	-	-	(5,284)	(5,284)
Foreign exchange and other adjustments	49	(452)	(145)	(548)
At 31 December 2022	1,202	36,514	68,760	106,476

At each reporting date, the Bank recognizes loss allowances based on either 12-month ECL or lifetime ECL, depending on the stage of the loan.

Total expected credit losses on loans were EUR 106,476 thousand in the year ended 31 December 2022 (2021: EUR 44,223 thousand), a net increase of EUR 62,253 thousand compared to 2021. This increase in Expected Credit Loss (ECL) is mainly attributed to the geopolitical conflict between Russian and Ukraine that begun on 24 February 2022, and the consequences thereof, which have negatively impacted the economies of Ukraine and Russia.

Stage 3 loans include an amount of EUR 8,278 thousand in gross balance and EUR 6,181 thousand in ECL which represents the additional portion of a loan which the Bank has purchased.

For the purpose of calculating Expected Credit Losses in accordance with IFRS 9, loans at amortized cost are classified in the below three stages:

Stage 1: includes performing exposures that do not have significant increase in credit risk since initial recognition. This stage also includes exposures for which credit risk has been improved and the exposure has been reclassified from Stages 2 or 3. In this stage, expected credit losses are recognized based on the probability of default within the next twelve months.

Stage 2: includes performing exposures for which there has been a significant increase in credit risk since initial recognition. Stage 2 also includes exposures for which credit risk has been improved and the exposure has been reclassified from Stage 3. In this stage, lifetime expected credit losses are recognized.

Stage 3: includes non-performing/impaired exposures. In this stage, lifetime expected credit losses are recognized.

NOTES TO THE FINANCIAL STATEMENTS

Revolving Facilities and Undrawn Commitments

Revolving credit facilities have no fixed term and they can be cancelled at the discretion of the Bank at any point in time. These facilities are subject to, at a minimum, an annual credit review. In this regard, the date of the latest credit review is considered the relevant date to assess if there is any increase in credit risk, as at that point in time. Following this, the Bank may amend the terms and conditions of the exposure.

The estimate of the ECL on irrevocable loan commitments is consistent with its expectations of drawdowns on that loan commitment. Therefore, the Bank considered (i) the expected portion of the loan commitment that will be drawn down within 12 months of the reporting date when estimating 12-month expected credit losses and (ii) the expected portion of the loan commitment that will be drawn down over the expected life of the reporting date when estimating lifetime expected credit losses. At 31 December 2022 the related amount included in other liabilities of expected credit losses was EUR 1,154 thousand for loan commitments of EUR 73,360 thousand (2021: EUR 59 thousand for loan commitments of EUR 208,203 thousand).

Individual Assessment Impairment Tests

As the situation is changing, the status of loans to Ukraine and Russia are subject to regular review. For the loans for which impairment is assessed on an individual basis, the assessment is based on certain assumptions concerning the outcome of the conflict involving optimistic and pessimistic scenarios with the methodology currently applied by the Bank to be adjusted as a result of the high level of uncertainty related to the current geopolitical situation. At 31 December 2022 the outstanding balance loans in Ukraine that were individually assessed an amount of EUR 147,357 thousand and the ECL of EUR 42,408 thousand. As with any economic forecast, the projections and likelihoods of occurrence are subject to a high degree of inherent uncertainty; therefore, the actual outcomes may be significantly different from those projected. The Bank considers these forecasts to represent its best estimate of the future outcomes. In the case of loans to Ukraine and Russia, this resulted in additional Stage 2 and Stage 3 ECL of EUR 74,005 thousand compared to 2021. According to the worst case scenario of the Bank the impact in the Expected Credit Losses of Stage 3 would amount up to EUR 98,760 thousand.

The table below depicts per stage the outstanding balance along with the ECL in EUR thousand for the year ended 31 December .2022 of Russian and Ukraine loans as follows:

Ukraine	Stage 2	Stage 3
Outstanding Balance	115,654	147,357
ECL	28,145	42,408
Russia	Stage 2	Stage 3
Outstanding Balance	395,885	-
ECL	7,183	-

Valuation of Collateral in Ukraine

In Ukraine, there are many difficulties in determining the market value of collateral since the beginning of the conflict. These are on the one hand physical restrictions in some regions on the ability to conduct visual inspections and determine the potential level of damage and on the other hand the uncertainty about market development and transactions. In order to address this uncertainty inherent to the valuation of the collaterals, the Bank has applied a haircut of 50% on the valuation amount taking into account those mentioned below 'Override operations'.

Finally, the fixed assets that are used as collateral for lending agreements in Ukraine are dispersed predominantly in areas outside of the conflict zone, and most of the borrowers continue their operations. For one operation which has assets in the conflict zone, there is political risk insurance covering such risks minimizing further the risk.

NOTES TO THE FINANCIAL STATEMENTS

Override Operations

Since the beginning of the geopolitical conflict the country credit risk ratings of both Ukraine and Russia have been downgraded in accordance with the Bank's credit risk methodologies, referenced all loans in Ukraine and Russia were automatically downgraded to Stage 3 (see above tables).

The Bank performed an individual assessment on all these loans and where it was determined that based on the repayments performed by these borrowers, their respective creditworthiness and ability to serve their obligations that the Stage 3 criteria were not met, the Bank reclassified these loans to stage 2. Total exposure of these loans amounted to EUR 511,539 thousand representing 25% of total outstanding loans at amortized cost as of 31 December 2022 and their respective ECL allowance was EUR 35,328 (31 December 2021: EUR 1,994 thousand).

As regards (p)repayments of bona fide loans to private borrowers in the Russian Federation(RF), extended pursuant to the mandate of the international treaty establishing the Bank, which is ratified from all member states and filed with the UN, all of which loans were extended and outstanding prior to February 2022, the Bank has proceeded receiving such either through general licenses under various pragmatically relevant sanctions regimes, or through a formal clarifying derogation by the relevant EU Authority for all such, requested for transparency and comfort to counterparties, while preserving the supra- national status of the institution. Similarly, the Bank is unambiguously exempted from any and all moratoria and other restrictions in all its member states pursuant to fundamental articles in its ratified establishing treaty, including capital controls. In the latter respect, the authorities of the RF, though exempting the Bank from such controls, continue to require the borrowers themselves to apply for specific licenses from the appropriate Ministry, and/ or Central Bank. In some instances, delays in the above process resulted in credit worthy and willing and able borrowers depositing certain instalments due in a special type of account under RF legislation, known as "S" account, until the RF authorities clear their removal. Such monies, for the avoidance of doubt, belong to the Bank. The reason for the transfers to Stage 2 were:

- Continuing of operations.
- No deferrals or major restructurings are foreseen.
- Guarantee from parent company located outside of Ukraine and Russia.

13. DEBT INVESTMENT SECURITIES

Debt investment securities are analyzed as follows:

	At 31 December 2022	At 31 December 2021
Presented in EUR (000)		
Bonds	61,906	136,760
Commercial papers	466,258	516,316
Debt investment securities gross balance	528,164	653,076
Less: expected credit losses	(512)	(628)
Debt investment securities at fair value through OCI	527,652	652,448

The above table sets out an analysis of the Bank's debt investment securities at fair value through other comprehensive income for the reported years, and the respective rating categories are indicated within Note 5 a1. Analysis by rating agency. The above movement in allowance for expected credit losses is as follows:

Presented in EUR (000)	Total
At 31 December 2020	3,043
Release	(2,415)
At 31 December 2021	628
Release	(116)
At 31 December 2022	512

Total Expected credit losses on debt investment securities were EUR 512 thousand in the year ended 31 December 2022 a decrease of EUR 116 thousand compared to 2021, which is due to the decrease in such investments held by the Bank.

NOTES TO THE FINANCIAL STATEMENTS

14. DERIVATIVE FINANCIAL INSTRUMENTS

The table below shows the Bank's outstanding derivative financial instruments.

The first column shows the sum of notional amounts, which is the amount of a derivative's nominal value, whereas the second and third columns depict the fair value of outstanding derivatives.

Presented in EUR (000)	Notional amount of derivative contracts	At 31 December 2022	
		Fair Value	
		Assets	Liabilities
Derivatives held for hedging:			
Derivatives designated and effective as hedging instruments carried at fair value hedges:			
Interest Rate Swaps	199,692	-	(53,107)
Cross Currency Swaps	170,511	3,914	(29,865)
Total Derivatives designated in fair value hedges:	370,203	3,914	(82,972)
Derivatives designated and effective as hedging instruments in cash flow hedges:			
Cross Currency Swaps	152,331	3,901	-
Total Derivatives designated in cash flow hedges:	152,331	3,901	-
Derivatives held for risk management purposes:			
Interest Rate Swaps	305,361	18,262	(44,589)
Cross Currency Swaps	789,540	16,259	(21,063)
Forwards	-	-	-
Cap/floor	160,000	2	-
Total Derivatives held for risk management purposes:	1,254,901	34,523	(65,652)
Total	1,777,435	42,338	(148,624)

NOTES TO THE FINANCIAL STATEMENTS

At 31 December 2021

Presented in EUR (000)	Notional amount of derivative contracts	Fair Value	
		Assets	Liabilities
Derivatives held for hedging:			
Derivatives designated and effective as hedging instruments carried at fair value hedges:			
Interest Rate Swaps	120,000	-	(6,118)
Cross Currency Swaps	35,178	-	(3,176)
Total Derivatives designated in fair value hedges:	155,178	-	(9,294)
Derivatives designated and effective as hedging instruments in cash flow hedges:			
Cross Currency Swaps	143,177	231	-
Total Derivatives designated in cash flow hedges:	143,177	231	-
Derivatives held for risk management purposes:			
Interest Rate Swaps	379,262	15	(16,969)
Cross Currency Swaps	1,061,402	23,934	(19,606)
Forwards	-	-	-
Cap/floor	160,000	99	-
Total Derivatives held for risk management purposes:	1,600,664	24,048	(36,575)
Total	1,899,019	24,279	(45,869)

The Bank enters into derivatives for risk management purposes and contains derivatives which are designated as hedging instruments in qualifying hedge relationships, more details of which are provided in Note 5. Derivatives which are not designated as hedging instruments in qualifying hedge relationships, are used to manage the Bank exposure to interest rate and foreign exchange risks.

The Bank's exposure to derivative contracts is monitored on regular basis as part of its overall risk management framework. For more information about how the Bank manages its market risks, see Note 5.

The above derivative financial instrument contracts with financial counterparties have been documented under International Swaps and Derivative Association (ISDA) Master Agreements with Credit Support Annexes (CSAs). Pursuant to such arrangements the Bank is eligible to offset assets and liabilities in the event of a counterparty default occurrence.

The Bank's derivative assets and financial liabilities are generally not offset in the statement of financial position unless the IFRS netting criteria are met.

NOTES TO THE FINANCIAL STATEMENTS

15. LOANS

The Bank offers a range of loan facilities directed to investments for both project and trade financing and tailored to meet an individual operation's requirements. Loans may be denominated in any convertible currency, or a combination of convertible currencies in which the Bank is able to fund itself.

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Loans at amortized cost:		
At 1 January	2,329,424	2,030,396
Disbursements	246,115	1,072,130
Less: repayments	(594,078)	(833,928)
Write-offs	(4,469)	-
Foreign exchange movements	63,994	60,826
Outstanding disbursements	2,040,986	2,329,424
Less: accrued/deferred income	26,458	(14,700)
Less: expected credit losses	(106,476)	(44,223)
Loans at fair value through profit or loss:		
Outstanding disbursements	19,705	19,705
Fair value adjustment	(4,355)	(4,691)
Loans (net carrying amount)	1,976,318	2,285,515

At 31 December 2022 the principal amount of outstanding disbursements was EUR 2,060,691 thousand (2021: EUR 2,349,129 thousand). For the year ended 31 December 2022 the amount of accrued interest receivable pertaining to loans was EUR 36,612 thousand (2021: 25,260 thousand).

The carrying amount of loans with respect to their related stages and expected credit losses is analyzed below:

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Stage 1	1,689,735	1,385,983
New loans originated	61,441	664,414
Transfer	(771,422)	(71,912)
Less: accrued/deferred income	26,458	(14,700)
Less: expected credit losses	(1,202)	(4,983)
Carrying amount	1,005,010	1,958,802
Stage 2	240,251	208,103
Transfer	628,712	71,912
Less: expected credit losses	(36,514)	(619)
Carrying amount	832,449	279,396
Stage 3	49,560	70,924
Transfer	142,709	-
Less: expected credit losses	(68,760)	(38,621)
Carrying amount	123,509	32,303
Fair value through profit or loss	15,350	15,014
Net carrying amount	1,976,318	2,285,515

Interest is generally based on Libor for USD loans and Euribor for EUR loans plus a margin. Margins are dependent on the risk category of each loan and typically range from 1.5% to 8.0%. Further analysis of the loan portfolio and comparisons are presented in Notes a2, a3 and a4 of Risk Management section.

NOTES TO THE FINANCIAL STATEMENTS

16. EQUITY INVESTMENTS

A primary focus of the Bank is to facilitate access to funding for those small and medium-size enterprises with the potential for positive economic developmental impact. With this objective in mind, the Bank, together with a number of other institutions has invested in the entities as detailed below.

Presented in EUR (000)	% of Investment	At 31 December 2022		At 31 December 2021	
		Cost	Fair Value	Cost	Fair value
Balkan Accession Fund	-	-	-	-	791
At fair value through profit or loss		-	-	-	791
SEAF Caucasus Growth Fund	21.39	4,741	3,984	5,631	5,494
Access Bank, Azerbaijan	0.05	833	86	783	81
A-Park Kaluga, Russia	-	-	-	1,714	980
Emerging Europe Accession Fund	10.15	1,164	5,107	2,064	6,865
Rusal	0.01	4	203	4	363
ADM Ceecat Recovery Fund	5.75	1,647	1,645	3,750	3,190
European Virgin Fund	-	-	-	724	7,251
Teamnet International	8.33	5,599	-	5,599	-
Natfood	37.98	-	-	-	-
EOS Hellenic Renaissance Fund	2.01	1,242	1,415	544	762
At fair value through other comprehensive income		15,230	12,440	20,813	24,986
Equity investments at fair value		15,230	12,440	20,813	25,777

The valuation of such investments, which are unlisted, has been estimated using the most recent management accounts or the latest audited accounts as of 31 December 2022, as Management considers that these provide the best available estimate of the investments' fair value. The techniques applied to perform these valuations include equity calculations based on EBITDA and market data.

On disposal or exit of an equity investment for those at fair value through other comprehensive income, the cumulative gain or loss is realized with a corresponding reversal of the unrealized gain or loss that was recorded prior to the exit from that investment, is not recycled to the income statement but included in retained earnings an amount loss of EUR-2,259 thousand.

As of 31 December 2022 the Bank has a committed amount of EUR 4,000 thousand towards further participation in the above entities. Further analysis of the equity investment portfolio is presented in the Note "Risk management".

As of 31 December 2022 the Bank has few equity investments where it holds slightly more than 20 per cent of the investee share capital, but does not exert significant influence, hence the investments are not accounted for as an investment in an associate under IAS 28.

17. OTHER ASSETS

Other assets are analyzed as follows:

Presented in EUR (000)	At 31 December 2022		At 31 December 2021	
Advances and prepaid expenses		2,782		3,508
Accrued interest on derivatives*		9,980		9,486
Other prepayments		185		187
Staff loans (see Note 11)		4,029		4,930
Guarantee deposits and non-current		78		70
Other assets		17,054		18,181

*For a better presentation, the Bank reclassified derivatives accruals (Asset and Liability) which now appear separately in caption "Accrued interest on derivatives" and "Accrued Interest and Deferrals on Derivatives". These reclassifications were applied retrospectively. However, considering that the total equity of the Bank remains unchanged and the reclassifications were done for the purpose of better analysis of the Balance Sheet items, it was not considered necessary to present a restated balance sheet at the beginning of the comparative period.

NOTES TO THE FINANCIAL STATEMENTS

18. PROPERTY AND EQUIPMENT

Property and equipment is analyzed as follows:

Presented in EUR (000)	Buildings (leasehold)	Vehicle	Furniture and office accessories	Computers and office equipment	Total
Cost					
At 31 December 2020	885	150	643	1,943	3,621
Additions	22	-	12	154	188
Disposals	-	-	(5)	(24)	(29)
At 31 December 2021	907	150	650	2,073	3,780
Additions	4	-	2	103	109
Disposals	-	-	(60)	(352)	(412)
At 31 December 2022	911	150	592	1,824	3,477
Accumulated depreciation					
At 31 December 2020	874	108	561	1,649	3,192
Charges	13	18	29	189	249
Disposals	-	-	(5)	(24)	(29)
At 31 December 2021	887	126	585	1,814	3,412
Charges	10	9	43	150	212
Disposals	-	-	(60)	(352)	(412)
At 31 December 2022	897	135	568	1,612	3,212
Net book value					
At 31 December 2022	14	15	24	212	265
At 31 December 2021	20	24	65	259	368
At 31 December 2020	11	42	82	294	429

19. INTANGIBLE ASSETS

Intangible assets comprising computer software is analyzed as follows:

Presented in EUR (000)	Total
Cost	
At 31 December 2020	4,772
Additions	132
At 31 December 2021	4,904
Additions	504
At 31 December 2022	5,408
Accumulated amortization	
At 31 December 2020	4,474
Charges	230
At 31 December 2021	4,704
Additions	151
At 31 December 2022	4,855
Net book value	
At 31 December 2022	553
At 31 December 2021	200
At 31 December 2020	298

NOTES TO THE FINANCIAL STATEMENTS

20. BORROWINGS

Borrowing facilities and bond issues debt evidenced by certificates, arranged as at the financial position date, are analyzed below. In addition to medium- or long-term borrowings and bond issuance, the Bank utilizes short-term financing in the form of ECP issuance or borrowings from commercial banks for cash management purposes.

A significant proportion of the Bank's debts evidenced by certificates are hedged in a one-to-one hedging relationship with a cross-currency swap. On these bond issuances, as the bond's cash flows are offset by equivalent cash flows on the swap, the Bank's funding costs are effectively incurred in the currency of the funding leg of the swap. Where the swap counterparty exercises a right to terminate the hedging swap prior to legal maturity, the Bank shall exercise the same right on that issued bond.

	At 31 December 2022				At 31 December 2021	
	Average maturity (years)	Approx. average cost (%)	Amount used	Amount arranged	Amount used	Amount arranged
Presented in EUR (000)						
Borrowed by						
Amounts borrowed	3.70	3.16	1,906,642	1,956,642	2,263,465	2,360,389
Accrued interest payable	-	-	9,013	-	10,936	-
Total	3.70	3.16	1,915,655	1,956,642	2,274,401	2,360,389

Denomination by

Euro	8.03	2.25	360,840	410,840	440,525	537,449
United States dollar	2.29	4.09	842,330	842,330	994,362	994,362
Swiss franc	2.10	0.41	355,589	355,589	339,004	339,004
Romanian lei	3.42	6.43	67,616	67,616	200,985	200,985
Azerbaijan manat	0.67	7.50	5,521	5,521	5,191	5,191
Georgian lari	0.50	9.96	17,342	17,342	18,550	18,550
Pound sterling	6.62	2.03	56,195	56,195	59,285	59,285
Czech koruna	2.14	8.13	87,079	87,079	84,480	84,480
Hungarian forint	0.83	2.52	44,902	44,902	48,755	48,755
Japanese yen	3.42	0.65	35,487	35,487	38,266	38,266
Australian dollar	7.25	3.03	18,786	18,786	18,834	18,834
Polish zloty	3.75	2.12	14,955	14,955	15,228	15,228
Accrued interest payable	-	-	9,013	-	10,936	-
Total	3.70	3.16	1,915,655	1,956,642	2,274,401	2,360,389

Maturity by

Short-term, within one year	0.57	2.91	365,361	365,361	364,302	364,302
Long-term, over one year	4.43	3.22	1,541,281	1,591,281	1,899,163	1,996,087
Accrued interest payable	-	-	9,013	-	10,936	-
Total	3.70	3.16	1,915,655	1,956,642	2,274,401	2,360,389

The approximation of average maturity was from the reporting date until the maturity date. The approximation of average cost on borrowings was determined using appropriate average base interest rates plus the applicable basis points margin. There is no collateral against the above borrowed funds.

NOTES TO THE FINANCIAL STATEMENTS

21. OTHER LIABILITIES

Other liabilities are analyzed as follows:

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Social insurance fund (EFKA) contributions	2	2
Accrued interest on derivatives*	17,269	2,227
Pension plan obligation	621	8,684
Suppliers and other accrued expenses	1,086	1,512
Other	1,154	59
Other liabilities	20,132	12,484

*For a better presentation, the Bank reclassified derivatives accruals (Asset and Liability) which now appear separately in caption "Accrued interest on derivatives" and "Accrued Interest and Deferrals on Derivatives". These reclassifications were applied retrospectively. However, considering that the total equity of the Bank remains unchanged and the reclassifications were done for the purpose of better analysis of the Balance Sheet items, it was not considered necessary to present a restated balance sheet at the beginning of the comparative period.

22. LEASE LIABILITY

The Bank has entered into a lease contract only for its Headquarters premises, which includes renewal options and periodic escalation clauses. There are no other commitments at end of year arising from non-cancellable lease contract. On adoption of IFRS 16 the impact in the statement of financial position of the recognition of right-of-use asset and corresponding lease liability, together with the movement for the year, is analyzed as follows:

Presented in EUR (000)	Total
Lease liability at 31 December 2020	383
Renewal of lease term	349
Lease payments recognized in administrative expenses	(689)
Lease liability at 31 December 2021	43
Renewal of lease term	926
Lease payments recognized in administrative expenses	(692)
Lease liability at 31 December 2022	277

IFRS 16 indicates that at the commencement date, the lessee (the Bank) will discount the lease payment using (a) the interest rate implicit in the lease or (b) the lessee's incremental borrowing rate if the interest rate implicit in the lease cannot be determined. The incremental borrowing rate is the rate of interest that a lessee would have to pay to borrow the funds to obtain (i) an asset of a similar value to the underlying asset (ii) over a similar term (iii) with similar security (iv) in a similar economic environment. As the Bank has only one lease arrangement that is nearing maturity, Management concluded that any adjustment or any subsequent interest does not have a material impact on the financial statements.

The Bank presents right-of-use assets separately as property and equipment, and the lease liability separately within payables and accrued interest, in the statement of financial position. Consequently, the Bank recognizes lease payments and interest, if any on the lease liability on a straight-line basis over the period of the lease term, similarly to any benefits received or that are receivable, in the income statement. When a lease is terminated before the lease period has expired, any payments required to be made to the lessor, by way of penalty, are recognized as an expense in the period the termination takes place.

NOTES TO THE FINANCIAL STATEMENTS

23. SHARE CAPITAL

From the Bank's inception, and in accordance with Article 4 of the Establishing Agreement, the Bank denominated its authorized share capital in the Special Drawing Right (SDR) as defined by the International Monetary Fund (IMF). Resolution 131 of the BoG unanimously adopted the requisite amendments to paragraph 1 of Article 4 and Articles 23 and 24 of the Establishing Agreement, to expressly include among the exclusive powers of the BoG the change of the unit of account of the Bank, and the redenomination of all capital stock of the Bank. These amendments to the Establishing Agreement became effective on 21 June 2013 (the 'Effective Date'). In accordance with such Resolution 131 of the BoG as of the Effective Date the unit of account of the Bank became the EUR and the authorized capital stock of the Bank was redenominated into three billion four hundred and fifty million EUR (3,450,000,000), divided into three million (3,000,000) shares having a par value of one thousand and one hundred and fifty EUR (1,150) each, inclusive of all subscribed and unallocated shares. Accordingly, as of the Effective Date, all outstanding share capital commitments of participating members in respect of their subscribed shares were converted into EUR.

The authorized capital stock of the Bank may be increased at such time and under such terms as may seem advisable.

The Bank's capital stock is divided into paid-in shares (fully paid and payable in installments) and callable shares. Payment for the paid-in shares subscribed to by members was made over a period of years in accordance with Article 6 of the Establishing Agreement for the initial capital raising purpose of the Bank, and as determined in advance by the Bank for capital increases (in the only capital increase of the Bank so far, the structure of payments specified was similar to the one in Article 6). The same Article states that payment of the amount subscribed to in respect of the callable shares is subject to call only as and when required by the Bank to meet its obligations.

Under Article 37 of the Establishing Agreement any member may withdraw from the Bank by transmitting a notice in writing to the Bank at its Headquarters. Withdrawal by a member shall become effective and its membership shall cease on the date specified in its notice, but in no event less than six months after such notice is received by the Bank. However, at any time before the withdrawal becomes finally effective, the member may notify the Bank in writing of the cancellation of its notice of intention to withdraw. Under Article 39 of the Establishing Agreement after the date on which a member ceases membership, it shall remain liable for its direct obligations to the Bank, and also remain responsible for its contingent liabilities to the Bank, incurred as of that date. No member has ever withdrawn its membership, nor has any ever indicated to the Bank it might do so. Were a member to withdraw from the Bank, at the time a member ceases membership, the Bank shall arrange for the repurchase of such a member's shares by the Bank as part of the settlement of accounts with such a member, and be able to impose conditions and set dates pursuant to the same Article 39 of the Establishing Agreement. Any amount due to the member for its shares shall be withheld so long as the member, including its central bank or any of its agencies, has outstanding obligations to the Bank, which may, at the option of the Bank, be applied to any such liability as it matures.

If losses are sustained by the Bank on any guarantees or loans which were outstanding on the date when a member ceased membership and the amount of such losses exceeds the amount of the reserves provided against losses on the date, the member concerned shall repay, upon demand, the amount by which the repurchase price of its shares would have been reduced if the losses had been taken into account when the repurchase price was determined.

Under Article 42 of the Establishing Agreement in the event of termination of the operations of the Bank, the liability of members for the unpaid portion of the subscribed capital of the Bank shall continue until all claims of creditors, including all contingent claims, have been discharged.

All participating members had fully subscribed to the initial authorized share capital in accordance with Article 5 of the Establishing Agreement. Subsequently, at the Sixth Annual Meeting of the Board of Governors held on 6 June 2004 three Member States, Armenia, Georgia and Moldova requested a 50% reduction of their portion of subscribed capital, from 2% to 1% of the initial authorized capital and the BoG approved their request. On 5 October 2008 the new shares pursuant to the capital increase of the Bank were offered in the same structure as the initial authorized share capital, in the amount of EUR 1.15 billion, and were fully subscribed by the Member States.

NOTES TO THE FINANCIAL STATEMENTS

Furthermore, Azerbaijan also subscribed to the 3% of the initial authorized share capital that remained unallocated, after the above mentioned participation reduction, while Romania subscribed both to their allocation of new shares and to those that would have been allocated to Georgia had it chosen to participate in the capital increase. This subscription process followed a decision taken by the BoG in December 2007 to triple the Bank's authorized capital to EUR 3.45 billion and to double the subscribed capital to EUR 2.3 billion, while leaving authorized capital of EUR 1.15 billion unallocated. On October 2011 the BoG approved the request from Moldova for a 50% reduction of its portion of subscribed capital, from 1% to 0.5%, and those shares were released to unallocated share capital.

The above share capital is analyzed as follows:

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Authorized share capital	3,450,000	3,450,000
Less: unallocated share capital*	(1,161,500)	(1,161,500)
Subscribed share capital	2,288,500	2,288,500
Less: shares not yet called	(1,601,950)	(1,601,950)
Paid-up share capital	686,550	686,550
Advance against future call	-	-
Paid-in share capital	686,550	686,550

*Shares available to new or existing Member States.

Initial Capital

In accordance with paragraph 2 under Article 5 of the Establishing Agreement, the initially authorized capital stock was subscribed by and issued to each Member as follows: 10% (EUR 115 million) fully paid and 20% (EUR 230 million) payable by promissory notes or other obligations which were not negotiable and non-interest bearing in eight equal successive annual installments in the years 1998 to 2005.

Capital Increase

The capital increase of EUR 1.15 billion is divided into EUR 345 million paid in capital and EUR 805 million callable capital. Pursuant to the Board of Governors decision in October 2008, the EUR 345 million paid in portion is divided into 10% (EUR 115 million) fully paid shares in 2010 and 20% (EUR 230 million) payable shares by promissory notes or other obligation issued by members in eight equal successive annual installments in the years 2011 to 2018. As of October 2011, the capital increase was reduced by EUR 11.5 million of the subscribed share capital, due to an approved reduction by the BoG in participation by Moldova.

The initial and capital increase that was issued is analyzed as follows:

Presented in EUR (000)	At 31 December 2022		
	Initial capital	Capital increase	Total
Authorized share capital	1,150,000	2,300,000	3,450,000
Less: unallocated share capital	(34,500)	(1,127,000)	(1,161,500)
Subscribed share capital	1,115,500	1,173,000	2,288,500
Less: shares not yet called	(780,850)	(821,100)	(1,601,950)
Paid-up share capital	334,650	351,900	686,550
Advance against future call	40	(40)	-
Paid-in share capital	334,690	351,860	686,550

NOTES TO THE FINANCIAL STATEMENTS

Statement of Subscriptions

A statement of capital subscriptions illustrating the number of shares and the amount subscribed by each member is shown below, including their respective callable, payable and the amount paid. The capital subscription status at the current financial position date is analyzed as follows:

Member	Shares	Subscribed	Callable	Payable	Paid
Presented in EUR (000)					
Albania	40,000	46,000	32,200	-	13,800
Armenia	20,000	23,000	16,100	-	6,900
Azerbaijan	100,000	115,000	80,500	-	34,500
Bulgaria	270,000	310,500	217,350	-	93,150
Georgia	10,000	11,500	8,050	-	3,450
Greece	330,000	379,500	265,650	-	113,850
Moldova	10,000	11,500	8,050	-	3,450
Romania	280,000	322,000	225,400	-	96,600
Russian Fed.	330,000	379,500	265,650	-	113,850
Türkiye	330,000	379,500	265,650	-	113,850
Ukraine	270,000	310,500	217,350	-	93,150
Total	1,990,000	2,288,500	1,601,950	-	686,550

24. RESERVES

Reserves are analyzed as follows:

Presented in EUR (000)	General	Revaluation	Other	Total
At 31 December 2020	78,591	(14,517)	(5,776)	58,298
Gains (losses) on revaluation of investments	-	(3,700)	-	(3,700)
Actuarial (losses) gains on defined benefit scheme	-	-	2,310	2,310
Gains (losses) on cash flow hedging instruments	-	-	(493)	(493)
Transferred from retained earnings	43,897	-	-	43,897
At 31 December 2021	122,488	(18,217)	(3,959)	100,312
Gains (losses) on revaluation of investments	-	(24,077)	-	(24,077)
Actuarial (losses) gains on defined benefit scheme	-	-	8,178	8,178
Gains (losses) on cash flow hedging instruments	-	-	(3,621)	(3,621)
Transferred from retained earnings	-	-	-	-
At 31 December 2022	122,488	(42,294)	598	80,792

General Reserve

The Bank's general reserve is maintained for meeting any unforeseeable risks or contingencies that do not qualify as provisions for impairment and is normally built-up from those released impairment charges during the year. The amount transferred from retained earnings of 31 December 2022 was EUR nil (2021: EUR 43,897 thousand).

Revaluation Reserve

The revaluation reserve contains fair value movements recognized on the Bank's assets and liabilities that are recorded as other comprehensive income of EUR-24,077 thousand (2021: EUR-3,700 thousand).

NOTES TO THE FINANCIAL STATEMENTS

Other Reserve

The other reserve contains:

- To the remeasurements of the Bank's defined benefit pension scheme of EUR 8,178 thousand (2021: EUR 2,310 thousand).
- The cash flow hedge reserve of EUR-3,621 thousand (2021:-493 thousand) and comprises the effective portion of the cumulative amount of gains and losses on hedging instruments deemed effective in cash flow hedges.

25. CASH AND CASH EQUIVALENTS

Cash and cash equivalents is analyzed as follows:

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Cash on hand	7	1
Due from banks	208,331	170,174
Investments maturing up to 1 month:		
At fair value through other comprehensive income portfolio	55,000	165,049
Investment maturing from 1 month to 3 months:		
At fair value through other comprehensive income portfolio	416,409	236,268
Cash and cash equivalents	679,747	571,492

The commercial papers held in the Bank's portfolio were short-term rated at a minimum of A2 by Standard and Poor's or P2 by Moody's rating agencies, in accordance with the Bank's internal financial policies.

NOTES TO THE FINANCIAL STATEMENTS

26. EMPLOYEE BENEFITS

Under the Defined Benefit Scheme

If separated or after the normal retirement age (60 years old), a staff member will be entitled to a full immediate pension equal to 1% of his annual pensionable salary (i.e., average of the two best out of the last five years) multiplied by his/her years of service at the Bank. If separated at or after the early retirement age (55 years old), a staff member will be entitled to a reduced immediate pension, or deferred pension payable from any month until the staff member's normal retirement age. If separated before the early retirement age, a staff member will be entitled to a deferred pension payable from any month between the staff member's early and normal retirement age. Upon separation at any age, a staff member will have a choice between the appropriate type of pension and a lump sum termination benefit.

A qualified actuary performs an actuarial valuation of this scheme at each end of year using the projected unit method, which is rolled forward to the following year accounts. The most recent valuation date was 31 December 2022. The present value of the defined benefit obligation and current service cost was calculated using the projected unit credit method.

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Amounts recognized in the statement of financial position		
Present value of the defined benefit obligations	24,705	36,375
Fair value of plan assets	(24,084)	(27,691)
Net liability at end of the year	621	8,684
Amounts recognized in the income statement		
Service cost	2,182	2,353
Net interest on the net defined benefit liability/(asset)	96	76
Administration expense	50	50
Total included in personnel expenses	2,328	2,479
Remeasurements recognized in other comprehensive income		
At 31 December	(7,053)	(9,363)
Liability gain (loss) due to changes in assumptions	13,609	905
Liability experiences gain (loss) arising during the year	(1,631)	(225)
Return on plan assets excluding income statement amounts	(3,799)	1,630
Total amount recognized in OCI during the year	8,179	2,310
Cumulative in other comprehensive income (expense)	1,126	(7,053)
Principal actuarial assumptions used		
Discount rate	3.60%	1.22%
Expected return on plan assets	3.60%	1.22%
Future salary increase	1.00%	1.00%
Future pension increase	2.45%	2.10%
Average remaining working life of employees	9 years	10 years

The discount rate arises from the yield curves that use data from double A-rated iBoxx bond indices produced by the International Index Company.

NOTES TO THE FINANCIAL STATEMENTS

The expected return on assets as per provision of the revised IAS 19, has been set equal to the discount rate assumption, i.e. at 3.60% pa.

The following table presents the major categories and reconciliation of the plan assets (the Fund):

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Major categories of plan assets		
Cash instruments	11%	15%
Fixed interest	47%	45%
Equities	37%	36%
Other	5%	4%
Reconciliation of plan assets		
Market value at 1 January	27,691	24,198
Expected return	346	199
Contributions paid	2,212	1,714
Benefit pensions and lump sum paid to pensioners	(2,316)	-
Expenses	(50)	(50)
Asset gain (loss)	(3,799)	1,630
Fair value of plan assets	24,084	27,691

The actual investment return on assets of the Fund for the year was -12.1%. The expected return on plan assets has been based on asset structure allowed by the Fund as well as the yield of high quality corporate bonds. The Bank estimate of contributions to be paid in 2023 will not materially differ from those paid in the current year.

The funding status at year end and at the end of the last four years was as follows:

Presented in EUR (000)	2022	2021	2020	2019	2018
Defined benefit obligations	24,705	36,375	34,427	30,736	24,445
Plan assets	(24,084)	(27,691)	(24,198)	(23,200)	(20,474)
Plan deficit (surplus)	621	8,684	10,229	7,536	3,971
Net experience adjustments on plan liabilities (assets)	1,631	225	(319)	296	359

Sensitivity analysis

Reasonable possible changes at the financial position date to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the defined benefit obligation by the amounts shown below.

	At 31 December 2022		At 31 December 2021	
Presented in EUR (000)	Increase	Decrease	Increase	Decrease
Discount rate (1% movement)	(2,755)	2,755	(3,631)	3,631
Future salary growth (1% movement)	1,932	(1,932)	2,627	(2,627)

Although the analysis does not take account of the full distribution of cash flows expected under the plan, it does provide an approximation of the sensitivity of the assumptions shown under the Defined Benefit Scheme.

NOTES TO THE FINANCIAL STATEMENTS

Under the Defined Contribution Scheme

Upon separation, a staff member will be entitled to receive in cash the full balance standing to the credit of his/her individual account for the second and third pillars. The pension expense under this scheme was EUR 1,192 thousand (2021: EUR 1,093 thousand) and is included in 'Personnel expenses'.

Under the Greek State Social Insurance Fund

The pension expense of staff that is alternatively entitled to retirement benefits from this fund was EUR 3 thousand (2021: EUR 10 thousand) and is included in 'Personnel expense'.

27. RELATED PARTIES

The Bank has the following related parties.

Key Management Personnel

Key management personnel comprise: the President, Vice Presidents and Secretary General. They are entitled to a staff compensation package that includes a salary, medical insurance cover, participation in the Bank's retirement schemes and are eligible to receive other short-term benefits which can include a bonus. Key management personnel may receive post-employment benefits, other long-term benefits and termination benefits, but do not receive any share-based payments.

The amounts paid to key management personnel during the year were EUR 1,703 thousand (2021: EUR 1,337 thousand), of which comprises salary and employee benefits of EUR 1,496 thousand (2021: EUR 1,126 thousand) and post-employment benefits of EUR 207 thousand (2021: EUR 211 thousand).

The members of the BoD are not personnel of the Bank and do not receive any fixed term salaries nor any staff benefits. The governments of the Member States are not related parties.

Special funds

Special funds are established in accordance with Article 16 of the Establishing Agreement and are administered under the terms of rules and regulations adopted by the Bank. Special Funds are audited on an annual basis and their assets and fund balances are not included in the Bank's statement of financial position. During the year the Bank administered one special fund. Extracts from the audited financial statements are included under the Note 'Summary of special funds'.

28. EVENTS AFTER THE REPORTING PERIOD

There have been no material events since the reporting period that would require adjustment to these financial statements. Events after the reporting period that would require adjustment to these financial statements are those that provide evidence of conditions that existed at 31 December 2022.

Events after the reporting period, that are indicative of conditions that arose thereafter, do not lead to adjustment of the financial statements but are disclosed in the event that they are material.

NOTES TO THE FINANCIAL STATEMENTS

29. SUMMARY OF SPECIAL FUNDS

With the Hellenic Government

The Technical Cooperation Special Fund's objective is to contribute to the economic development of the Black Sea Region's Member Countries. The Fund extends technical assistance grants for preparation of high quality project documentation including business plans, feasibility studies and financial reporting methods and standards. The movement in the Fund is shown below.

Presented in EUR (000)	At 31 December 2022	At 31 December 2021
Statement of movements		
Balance brought forward	8	8
Net income (loss) for the year	-	-
Less: disbursements	-	-
Balance of available funds	8	8
Financial position		
Placements with other financial institutions	8	8
Total Assets	8	8
Unallocated fund balance	8	8
Total Liabilities and Contributor Resources	8	8

INTERNAL CONTROLS OVER FINANCIAL REPORTING

Responsibility for external financial reporting

Management's responsibility

Management's report regarding the effectiveness of internal controls over external financial reporting.

The management of the Black Sea Trade and Development Bank ("the Bank") is responsible for the preparation, integrity, and fair presentation of its financial statements in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board.

Management is responsible for establishing and maintaining effective internal controls over financial reporting and for the preparation of financial statements for external purposes in conformity with IFRS. Management maintains a comprehensive system of controls intended to ensure that transactions are executed in accordance with management's authorisation, assets are safeguarded and financial records are reliable. The system of internal controls contains monitoring mechanisms, and actions are taken to correct deficiencies identified. Management believes that internal control over financial reporting, which are subject to scrutiny and testing by management and internal audit, and are revised as considered necessary, support the integrity and reliability of the financial statements.

There are inherent limitations in any system of internal controls, including the possibility of human error and the circumvention of overriding controls. Accordingly, an effective internal controls system can provide only reasonable, as opposed to absolute, assurance with respect to the financial statements presentation and preparation. Furthermore, the effectiveness of an internal controls system can change over time.

The Bank's Board of Directors has appointed an Audit Committee, which assists the Board in its responsibility to ensure the soundness of the Bank's accounting practices and the effective implementation of the internal controls that management has established relating to finance and accounting matters. The Audit Committee is comprised entirely of members of the Board of Directors. The Audit Committee meets periodically with management in order to review and monitor the financial, accounting and auditing procedures of the Bank and related financial reports. The internal auditors regularly meet with the Audit Committee to discuss the adequacy of internal controls over financial reporting and any other matters which they believe should be brought to the attention of the Audit Committee.

The management of the Bank assessed the effectiveness of the Bank's internal controls over financial reporting based on the criteria set forth in the "Internal Control – Integrated Framework" issued by the Committee of Sponsoring Organisations of the Treadway Commission (COSO) (2013). Based upon this assessment, management concluded that, as of 31 December 2022, the Bank's internal control over financial reporting is effective.

In addition to providing an audit opinion on the fairness of the financial statements for the year ended 31 December 2022, the external auditors of the Bank conducted an independent assessment of the Bank's internal control over financial reporting as of 31 December 2022 and their assurance report is presented separately in this financial report.

Dr Serhat Köksal
President

Valeriy Piatnytskyi
Vice President, Finance

Black Sea Trade and Development Bank
Thessaloniki
2 June 2023



Deloitte Certified Public
Accountants S.A.
3a Fragkokklisias & Granikou str.
Marousi Athens GR 151-25, Greece

Tel: +30 210 6781 100
www.deloitte.gr

INDEPENDENT REASONABLE ASSURANCE REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

To the Board of Governors and the Board of Directors of Black Sea Trade and Development Bank

Report on the effectiveness of Internal Control over Financial Reporting

We were engaged by the Board of Directors of the Black Sea Trade and Development Bank (the Bank) to report on the effectiveness of internal control over financial reporting of the Bank as of December 31, 2022, in the form of an independent reasonable assurance conclusion about whether the internal control over financial reporting is effective based on criteria established in Internal Control — Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) (2013).

Bank's Responsibilities

The Bank's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Annual report.

Our Responsibility

Our responsibility is to express a reasonable assurance conclusion on the Bank's internal control over financial reporting based on the evidence obtained.

We have complied with the independence and other ethical requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior.

The firm applies International Standard on Quality Control 1 and, accordingly, maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We conducted our engagement in accordance with the International Standard on Assurance Engagements (ISAE) 3000 (Revised). This standard requires that we plan and perform our procedures to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. The procedures selected depend on our judgement and included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our procedures provide a reasonable basis for our conclusion.

We communicated any findings important enough to merit attention by those responsible for oversight of the Bank's financial reporting, to those charged with governance.



DEFINITION AND LIMITATIONS OF INTERNAL CONTROL OVER FINANCIAL REPORTING

A Bank's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A Bank's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the Bank; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the Bank are being made only in accordance with authorizations of management and directors of the Bank; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the Bank's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Conclusion

In our opinion, Black Sea Trade and Development Bank maintained, in all material respects, effective internal control over financial reporting, as of 31 December 2022, based on criteria established in Internal Control — Integrated Framework issued by COSO (2013).

Athens, 08 June 2023

The Certified Public Accountant

Alexandra Kostara
Reg. No SOEL:19981
Deloitte Certified Public Accountants S.A.
3a Fragkokklisias & Granikou str., GR 151-25 Marousi, Athens, Greece
Reg. No SOEL: E 120



This document has been prepared by Deloitte Certified Public Accountants Societe Anonyme.

Deloitte Certified Public Accountants Societe Anonyme, a Greek company, registered in Greece with registered number 0001223601000 and its registered office at Marousi-Attica, 3a Fragkokklisias & Granikou str., 151 25, is one of the Deloitte Central Mediterranean S.r.l. ("DCM") Countries. DCM, a company limited by guarantee registered in Italy with registered number 09599600963 and its registered office at Via Tortona no. 25, 20144, Milan, Italy is one of the Deloitte NSE LLP Geographies. Deloitte NSE LLP is a UK limited liability partnership and member firm of of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee ("DTTL").

DTTL and each of its member firms are legally separate and independent entities. DTTL, Deloitte NSE LLP and Deloitte Central Mediterranean S.r.l. do not provide services to clients. Please see www.deloitte.com/about to learn more about our global network of member firms.



Black
Sea
Trade &
Development
Bank



Technical Cooperation Special Fund
(with the Hellenic Government)
Financial Statements for the Year Ended
31 December 2022

Together with Auditor's Report



Deloitte Certified Public
Accountants S.A.
3a Fragkokklisias & Granikou str.
Marousi Athens GR 151-25, Greece

Tel: +30 210 6781 100
www.deloitte.gr

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors and the Board of Governors of Black Sea Trade and Development Bank

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of the Technical Cooperation Special Fund - with the Hellenic Government, (the 'Fund') administrated by Black Sea Trade and Development Bank (the 'Bank'), which comprise the statement of financial position as at 31 December 2022, the income statement, the statement of movements for the year then ended and notes to the financial statements including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Fund as at 31 December 2022 and its financial performance for the year then ended in accordance with the International Financial Reporting Standards (IFRS).

Basis for Opinion

We conducted our audit in accordance with the International Standards on Auditing (ISAs) as these have been incorporated into Greek legislation. Our responsibilities under those standards are further described in the "Auditor's Responsibilities for the Audit of the Financial Statements" section of our report. We have been independent of the Fund during the whole period of our appointment in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (IESBA Code) as incorporated into Greek legislation and the ethical requirements in Greece relevant to the audit of the financial statements and we have fulfilled our ethical requirements in accordance with the applicable legislation and the above mentioned Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the IFRSs, and for such internal control as Management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, Management is responsible for assessing the Fund's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless Management either intends to liquidate the Fund or to cease operations, or has no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements, as a whole, are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISA, as these have been incorporated into the Greek legislation, will always detect a material misstatement, when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISA, as these have been incorporated into the Greek legislation, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit, in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Fund's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Fund to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with Management regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Athens, 8 June 2023

The Certified Public Accountant

Alexandra Kostara

Reg. No. SOEL: 19981

Deloitte Certified Public Accountants S.A.

3a Fragkoklissias & Granikou str.,

151 25 Maroussi, Athens, Greece

Reg. No SOEL: E 120

INCOME STATEMENT

For the year ended 31 December

Presented in thousands of EUR	Note	2022	2021
Interest income	6	-	-
Operating expenses	7	-	-
Net income for the year		-	-

The accompanying notes are an integral part of this statement.

STATEMENT OF FINANCIAL POSITION

At 31 December

Presented in thousands of EUR	Note	2022	2021
Assets			
Placements with financial institutions	6	8	8
Total Assets		8	8
Liabilities and Contributor Resources			
Unallocated fund balance	8	8	8
Total Liabilities and Contributor Resources		8	8

The accompanying notes are an integral part of this statement.

STATEMENT OF MOVEMENTS

For the year ended 31 December

Presented in thousands of EUR	Note	2022	2021
Balance brought forward		8	8
Disbursements	5	-	-
Net income for the year		-	-
Balance of available funds at 31 December		8	8

The accompanying notes are an integral part of this statement.

NOTES TO THE FINANCIAL STATEMENTS

CREATION OF THE SPECIAL FUND

1. Initial Contribution

The Technical Cooperation Special Fund, original amount of EUR 800 thousand was created in July 2001 and is administrated under the terms of the Contribution Agreement in respect of Technical Cooperation Special Fund between the Government of the Hellenic Republic and the Black Sea Trade and Development Bank (the 'Agreement'). The Fund is administered by Black Sea Trade and Development Bank (the 'Bank').

Funds shall be used by the Bank to cover reasonable expenses incurred in connection with the retaining and hiring of individual consultants, firms for preparation of feasibility studies, business plans, financial accounts, technical assistance for presentation and collection of data and similar activities.

2. Replenishment Contribution

In January 2003 the Hellenic Republic made the replenishment contribution to the Fund of EUR 500 thousand.

SIGNIFICANT ACCOUNTING POLICIES

3. Basis of Financial Statements

The accompanying financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) as published by the International Accounting Standards Board. Due to the nature of the Fund the financial statements do not include all the disclosures and accounts as prescribed by IFRS as there were no significant movements that would be of material importance or any equity invested. Although IFRS requires a cash flow statement these statements do not include a cash flow statement as all cash amounts are included in 'Statement of movements' and the movement between the two periods is shown in the Statement of Movements which is the equivalent to the Statement of changes in equity under IFRS. The financial statements have been prepared on a historical cost basis. The Fund's functional and presentation currency is the EUR, reflecting the fact that the Fund invests principally in Euro denominated assets, and that all related disbursements and contributions received are made in Euro.

The Fund's financial assets and financial liabilities are carried at fair values, and it does not use any derivative financial instruments.

4. Foreign Currencies

Any end of year monetary assets and liabilities denominated in foreign currencies are translated into Euro at exchange rates in effect at the date of the financial statements. Realized and unrealized gains and losses on foreign currency translations are charged or credited to the income.

5. Disbursements

Funds used by the Bank to cover fees and expenses subject to the Fund's operations.

6. Placements with Financial Institutions

The available Fund's monies are invested with commercial banks and a relatively small amount is kept on a call deposit account with the Bank to cover occasional operational expenses. Interest income and operating expenses are accounted for on an accrual basis.

7. Operating Expenses

Operating expenses comprise administrative expenses directly related to the Fund. The administration cost is payable at 2% of the contributed funds recoverable as far as possible from the income of the Fund.

8. Allocated / Unallocated Fund Balances

The allocated fund balance represents all commitments approved by the Bank under the terms of the Fund, net of cumulative disbursements.

BOARD OF DIRECTORS AND BOARD OF GOVERNORS

To the Board of Directors and the Board of Governors

Allocation of Net Loss for 2022

In line with the Accounting Policies Manual (section 39: Retained Earnings):

Net loss EUR 27,586 thousand is allocated to surplus (retained earnings).

The Members' Equity of the Bank shall therefore be composed of:

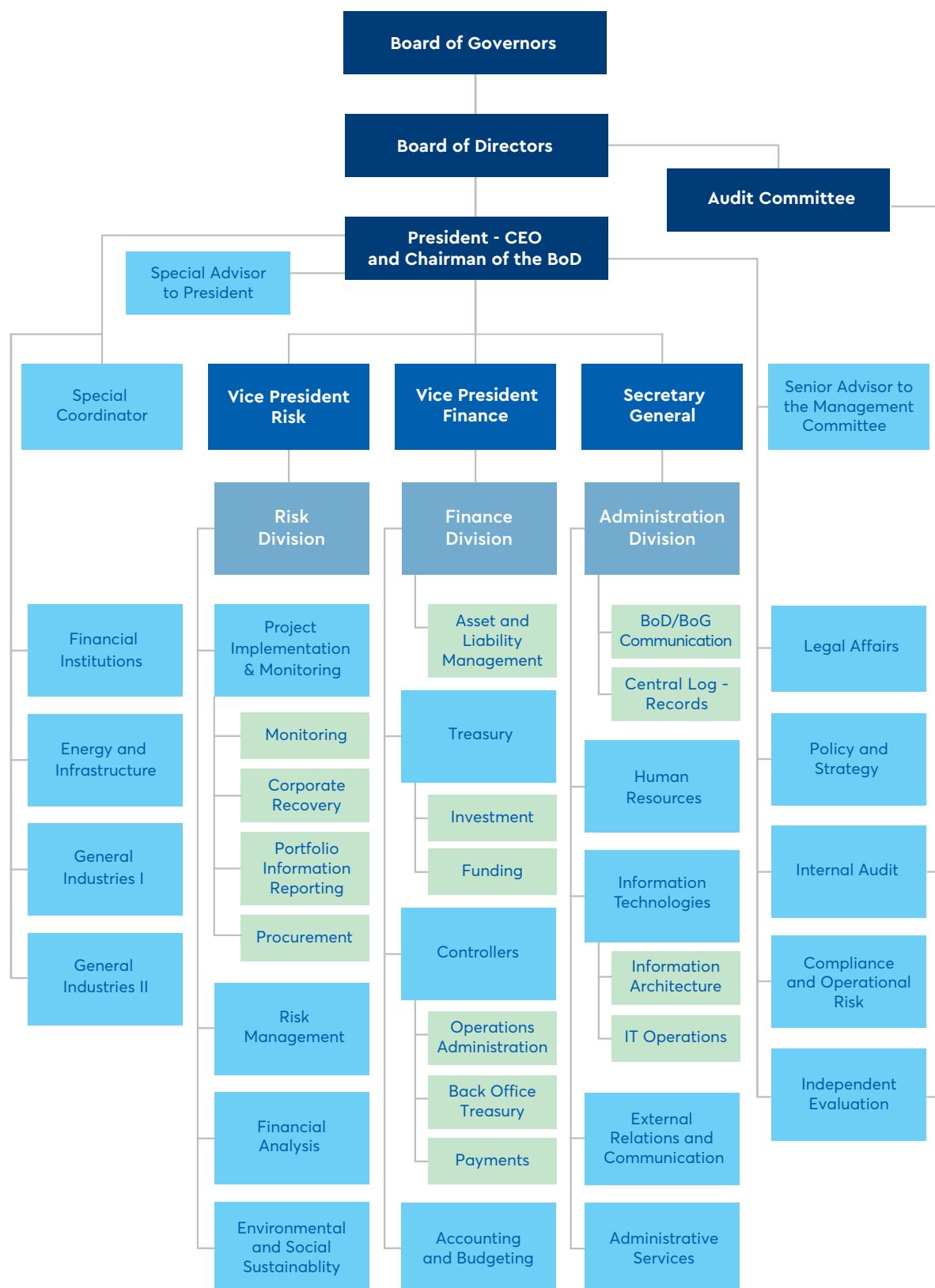
Presented in Euros (thousand)

Paid-in share capital	686,550
Reserves	80,792
Surplus	69,015
Total	836,357

The above paid-in share capital includes the fully paid (10%) and payable (20%) shares of the subscribed capital of the Bank in accordance with Article 5 of the Agreement Establishing the Bank. The remaining 70% of the share capital is callable.

Annex A

Organizational Chart



As of 31 December 2022

Annex B

Contact BSTDB

1 Komninon str. 54624 Thessaloniki · Greece | ☎ +30 2310 290400 | 📠 +30 2310 221796, 286590
info@bstdb.org | www.bstdb.org

Dr. Serhat Köksal President		Dragoş Paul Ungureanu Vice President Risk		Valeriy Piatnytskyi Vice President Finance		Asterios Tsoukalas Secretary General			
Office:		Office:		Office:		Office:			
☎+30 2310 290560		☎+30 2310 290433		☎+30 2310 290444		☎+30 2310 290484			
op2@bstdb.org		ope_ovp@bstdb.org		fin_ovp@bstdb.org		adm_osg@bstdb.org			
Legal Affairs		Financial Institutions		Project Implementation & Monitoring		Treasury		Human Resources	
Michalis Spanopoulos General Counsel		Larisa Manastirli Director		Alexander Mostovoy Director		Ivan Larin Treasurer		Eduard Katmazowski Director	
pre_ogc@bstdb.org		fi@bstdb.org		ope_pim@bstdb.org		fin_tre@bstdb.org		adm_hrs@bstdb.org	
Policy and Strategy		Energy and Infrastructure		Risk Management		Controllers		Information Technologies	
Ghinea Arminio Iorga Head		Roman Matkiwsky Director		George Pahinis Chief Risk Officer		Georgeta Buzica Financial Controller		Christos Georgiou Director	
Panayotis Gavras Head									
ope_prg@bstdb.org		energy&infrastructure@bstdb.org		fin_rmd@bstdb.org		fin_ctr@bstdb.org		adm_itd@bstdb.org	
Internal Audit		General Industries I		Financial Analysis		Accounting, Planning & Budgeting		External Relations & Communications	
Pavlos Pavlides Head		Leonid Sidorenko Director		Faidon Chatzakis Director		Nikolas Papavramides Director		Haroula Christodoulou Acting Director	
pre_iad@bstdb.org		gitt1@bstdb.org		ope_fan@bstdb.org		fin_apb@bstdb.org		adm_erc@bstdb.org	
Compliance & Operational Risk		General Industries II		Environmental and Social Sustainability				Administrative Services	
Zinon Chatziantonoglou Head		Orhan Aytemiz Director		Mircea Cojocaru Head				Kostis Zevgaridis Director	
corm@bstdb.org		gitt2@bstdb.org		ope_env@bstdb.org				adm_adm@bstdb.org	
Independent Evaluation									
Todor Dimitrov Head									
tdimitrov@bstdb.org									



1 Komninon str., 54624, Thessaloniki, Greece
T: +30 2310 290400 F: +30 2310 221796, +30 2310 286590
info@bstdb.org
www.bstdb.org